

Converting Colors

XYZ(88.4421, 90.8327,
178.0366)

Have a look what the booklet for
XYZ(88.4421, 90.8327, 178.0366)
contains.

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Color

**XYZ(75.0932, 85.5490,
107.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F6FF
RGB	201, 246, 255
RGB Percent	79%, 96%, 100%
CMY	0.2118, 0.0353, 0.0000
CMYK	0.21, 0.04, 0.00, 0.00
HSL	190°, 100%, 89%
HSV	190°, 21%, 100%
XYZ	75.0932, 85.5490, 107.1625
YIQ	233.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

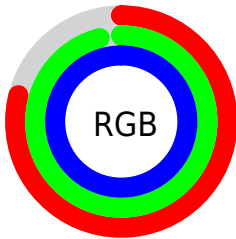
Format	Color
R _Y B	201, 226, 255
Decimal	13235967
CIE Lab	94.12, -12.42, -9.08
CIE LCh	94, 15.387, 216.165
Yxy	85.5490, 0.2804, 0.3194
Android (android.graphics.Color)	4291426047 (0xFFC9F6FF)
YUV	233.5710, 10.5645, -28.5648
Hunter-Lab	92.4927, -16.9412, -3.9488

Details

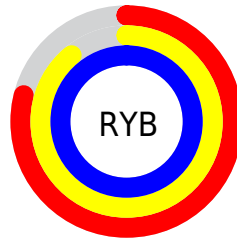
The XYZ color **75.0932, 85.5490, 107.1625** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8292, 71.5696, 65.1307**, and the grayscale version is **77.8232, 81.8761, 89.1631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4606, 47.0151, 60.3684** is the 20% darker color. If you saturate the color by 10%, you get **67.5221, 79.7519, 106.4426**, and if you desaturate by 10%, it is **83.8363, 91.9986, 107.9466**.

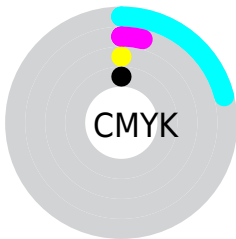
Distribution



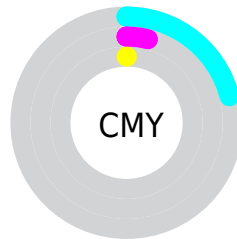
- Red (79%)
- Green (96%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0932, 85.5490, 107.1625 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.0932, 85.5490, 107.1625 by changing the saturation by 10% instead.

75.0932, 85.5490,
107.1625

75.0932, 85.5490,
107.1625

467.2301,
513.4429, 604.3620

55.9837, 64.2951,
81.6455

125.4315,
141.1400, 173.1032

40.4268, 46.8897,
60.5392

157.3910,
176.2458, 214.3640

28.0572, 32.9485,
43.4253

194.3645,
216.7378, 261.7097

18.5094, 22.0870,
29.8851

236.7174,
263.0002, 315.5590

11.4182, 13.9208,
19.5001

284.8151,
315.4176, 376.3303

6.4182, 8.0656,
11.8517

339.0228,

3.1441, 4.1370,

374.3742, 444.4422

6.5215

399.7061,
440.2545, 520.3132

■ 1.2304, 1.7505,
3.0908

■ 0.1302, 0.4560,
1.1412

■ 75.0932, 85.5490,
107.1625

■ 75.0932, 85.5490,
107.1625

■ 67.5221, 79.7519,
106.4426

■ 83.8363, 91.9986,
107.9466

■ 61.0600, 74.5678,
105.7826

■ 93.7970, 99.1179,
108.7958

■ 55.6479, 69.9683,
105.1800

■ 95.0500, 100.0000,
108.9000

■ 51.2188, 65.9186,
104.6318

■ 47.6976, 62.3796,
104.1343

■ 44.9981, 59.3066,
103.6834

■ 43.0169, 56.6460,
103.2743

■ 41.7237, 54.5674,
102.9412

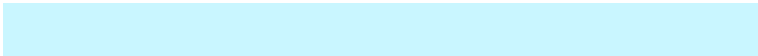
Harmonies

Analogous

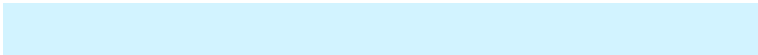
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7003, 85.5490, 95.6019



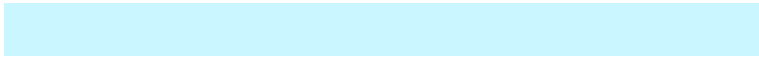
75.0932, 85.5490, 107.1625



78.1579, 85.5490, 115.4382

Triad

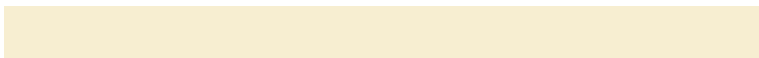
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0932, 85.5490, 107.1625



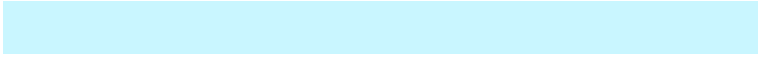
88.7619, 85.5490, 102.6032



80.4654, 85.5490, 72.3972

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



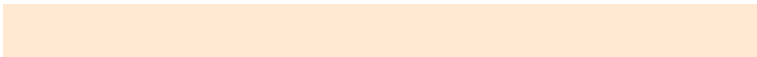
75.0932, 85.5490, 107.1625



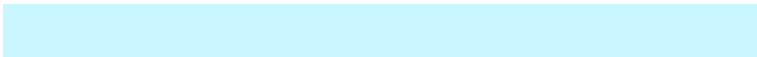
74.8292, 71.5696, 65.1307

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5494, 85.5490, 73.9300



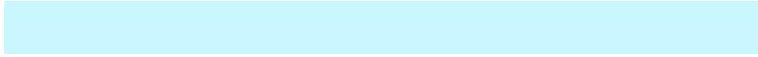
75.0932, 85.5490, 107.1625



89.4301, 85.5490, 90.7371

Square

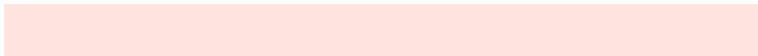
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0932, 85.5490, 107.1625



86.0682, 85.5490, 112.6545



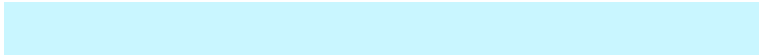
87.8645, 85.5490, 80.4125



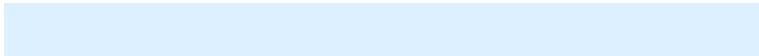
76.7339, 85.5490, 76.0347

Rectangle

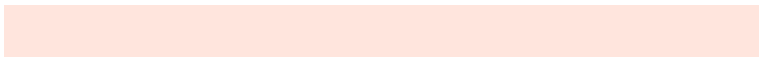
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



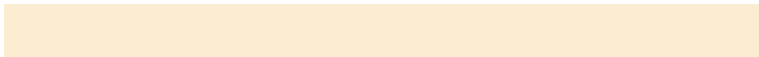
75.0932, 85.5490, 107.1625



80.7841, 85.5490, 117.6218



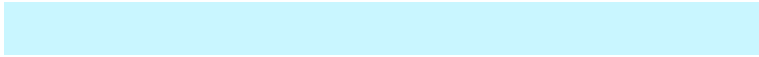
87.8645, 85.5490, 80.4125



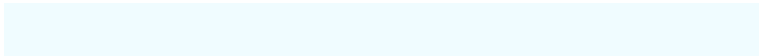
81.8418, 85.5490, 72.3294

Sweetspot

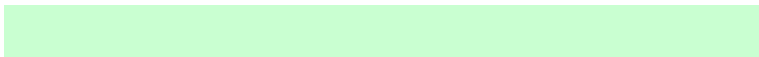
The Sweet Spot groups the original color and five complimentary colors.



75.0955, 85.5524, 107.1631



88.8357, 95.5973, 108.3777



71.3696, 88.5465, 73.7179



18.8755, 20.3624, 23.1854



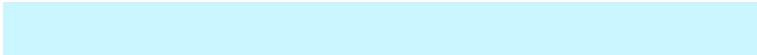
0.0000, 0.0000, 0.0000



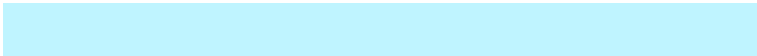
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0955, 85.5524, 107.1631



72.0639, 83.2591, 106.8802



67.7057, 70.7729, 104.6998



18.2821, 19.9359, 23.1344



21.8968, 28.7033, 53.8208



2.1974, 2.9254, 5.2621

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.7627, 69.6889, 96.4927



76.3123, 65.1855, 94.4508



81.8076, 85.5263, 67.4568



18.6551, 18.2453, 22.0667



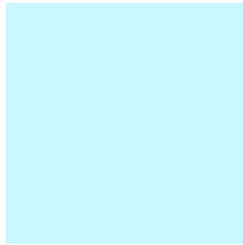
27.8407, 13.6256, 34.1413



2.7437, 1.3399, 3.4979

Previews

White Background



This preview shows how the XYZ color 75.0932, 85.5490, 107.1625 looks on a white background.

Color Contrast Check

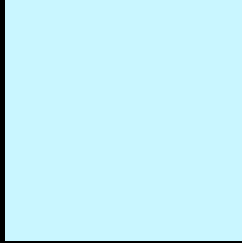
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.0932, 85.5490, 107.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

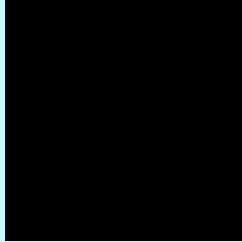
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0932, 85.5490, 107.1625

Background



This preview shows how black text looks on a background with the XYZ color 75.0932, 85.5490, 107.1625.

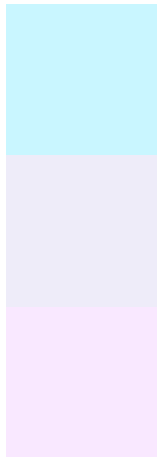


This preview shows how white text looks on a background with the XYZ color 75.0932, 85.5490,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.0932, 85.5490, 107.1625

Protanopia

82.3542, 85.0076, 101.6901

Deuteranopia

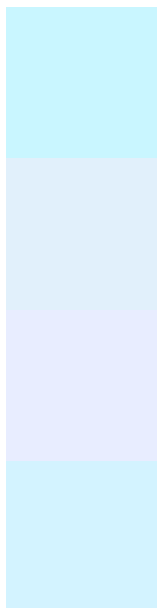
85.9735, 85.0730, 106.4972



Tritanopia

78.1210, 85.3232, 106.9593

Trichromacy



Original Color

75.0932, 85.5490, 107.1625

Protanomaly

79.6240, 85.2928, 103.5333

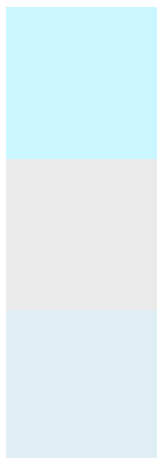
Deuteranomaly

81.6129, 84.9442, 106.7021

Tritanomaly

76.9646, 85.1701, 106.9907

Monochromacy



Original Color

75.0932, 85.5490, 107.1625

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.7257, 83.0895, 95.9984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0932, 85.5490, 107.1625 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0932, 85.5490, 107.1625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 246, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 246, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 246, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 246, 255); box-shadow:4px 4px 4px 4px rgb(201, 246, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0932, 85.5490, 107.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
246, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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