

Converting Colors

XYZ(75.3370, 84.5768,
105.5794)

Have a look what the booklet for
XYZ(75.3370, 84.5768, 105.5794)
contains.

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Color

**XYZ(75.2338, 84.3148,
105.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF3FD
RGB	206, 243, 253
RGB Percent	81%, 95%, 99%
CMY	0.1921, 0.0470, 0.0078
CMYK	0.19, 0.04, 0.00, 0.01
HSL	193°, 92%, 90%
HSV	193°, 19%, 99%
XYZ	75.2338, 84.3148, 105.2377
YIQ	233.0770, -25.2620, -4.7340

Conversions

Conversions Part 2

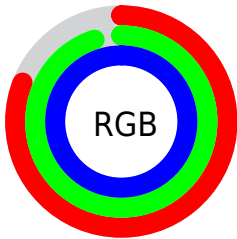
Format	Color
R _Y B	206, 227, 253
Decimal	13562877
CIE Lab	93.59, -9.84, -8.80
CIE LCh	94, 13.201, 221.804
Yxy	84.3148, 0.2841, 0.3184
Android (android.graphics.Color)	4291752957 (0xFFCEFF3FD)
YUV	233.0770, 9.8220, -23.7465
Hunter-Lab	91.8231, -14.4393, -3.6756

Details

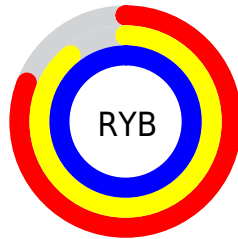
The XYZ color **75.2338, 84.3148, 105.2377** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2052, 74.4508, 68.7482**, and the grayscale version is **77.4541, 81.4877, 88.7401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4966, 46.1055, 58.9894** is the 20% darker color. If you saturate the color by 10%, you get **67.1813, 77.8098, 104.4079**, and if you desaturate by 10%, it is **84.4690, 91.5039, 106.1399**.

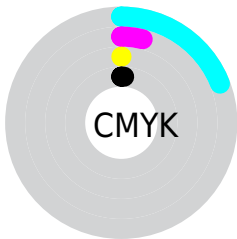
Distribution



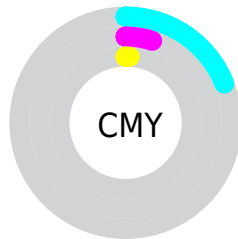
- Red (81%)
- Green (95%)
- Blue (99%)



- Red (81%)
- Yellow (89%)
- Blue (99%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2338, 84.3148, 105.2377 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 75.2338, 84.3148, 105.2377 by changing the saturation by 10% instead.

75.2338, 84.3148,
105.2377

75.2338, 84.3148,
105.2377

467.7056,
509.3580, 598.2474

56.0993, 63.2754,
80.0407

125.6294,
139.4154, 170.4510

40.5199, 46.0640,
59.2255

157.6212,
174.2455, 211.3044

28.1301, 32.2963,
42.3735

194.6295,
214.4411, 258.2136

18.5647, 21.5880,
29.0661

237.0196,
260.3868, 311.5974

11.4583, 13.5544,
18.8848

285.1569,
312.4670, 371.8741

6.4455, 7.8114,
11.4111

339.4068,

3.1611, 3.9745,

371.0660, 439.4623

6.2264

400.1346,
436.5682, 514.7805

■ 1.2395, 1.6593,
2.9122

■ 0.1372, 0.3971,
1.0500

■ 75.2338, 84.3148,
105.2377

■ 75.2338, 84.3148,
105.2377

■ 67.1813, 77.8098,
104.4079

■ 84.4690, 91.5039,
106.1399

■ 60.2496, 71.9500,
103.6422

■ 94.3380, 99.0882,
107.0837

■ 54.3825, 66.7079,
102.9396

■ 94.7299, 99.8720,
107.2143

■ 49.5155, 62.0496,
102.2970

■ 45.5772, 57.9377,
101.7109

■ 42.4860, 54.3296,
101.1773

■ 40.1454, 51.1749,
100.6918

■ 38.4185, 48.4023,
100.2476

■ 38.1965, 48.0253,
100.1866

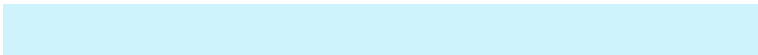
Harmonies

Analogous

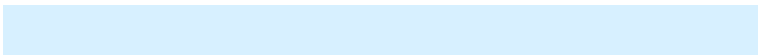
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7401, 84.3148, 95.7972



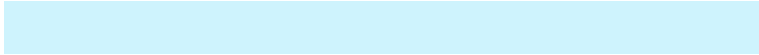
75.2338, 84.3148, 105.2377



78.0588, 84.3148, 111.3248

Triad

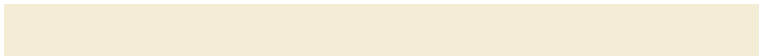
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2338, 84.3148, 105.2377



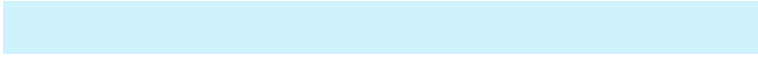
86.6925, 84.3148, 97.9455



78.7721, 84.3148, 74.2277

Complementary

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



75.2338, 84.3148, 105.2377



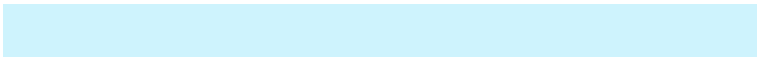
76.2052, 74.4508, 68.7482

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.



82.2552, 84.3148, 74.7108



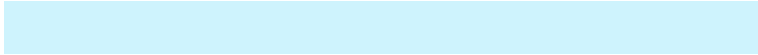
75.2338, 84.3148, 105.2377



86.8971, 84.3148, 87.9243

Square

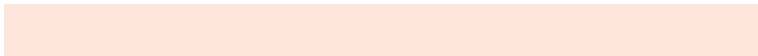
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



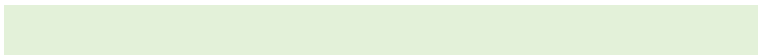
75.2338, 84.3148, 105.2377



84.7013, 84.3148, 106.9085



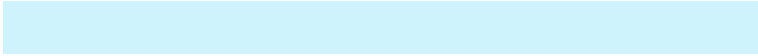
85.2523, 84.3148, 79.5660



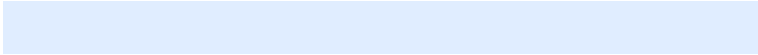
75.7429, 84.3148, 78.1946

Rectangle

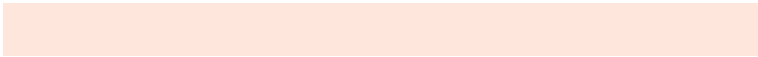
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2338, 84.3148, 105.2377



80.3503, 84.3148, 112.4117



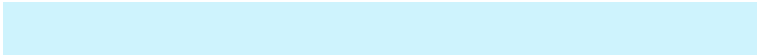
85.2523, 84.3148, 79.5660



79.9274, 84.3148, 73.8834

Sweetspot

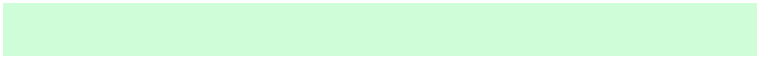
The Sweet Spot groups the original color and five complimentary colors.



75.2363, 84.3183, 105.2396



88.6140, 95.1540, 108.3038



72.8977, 88.3008, 77.7631



18.8230, 20.2573, 23.1679



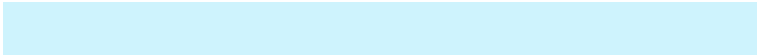
0.0000, 0.0000, 0.0000



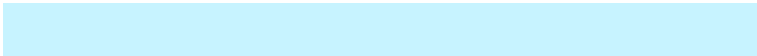
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2363, 84.3183, 105.2396



73.6474, 83.4900, 106.8413



68.8043, 71.4543, 103.0956



18.2077, 19.7869, 23.1096



20.4292, 25.7679, 53.3316



2.0671, 2.6648, 5.2187

Inverse Universe

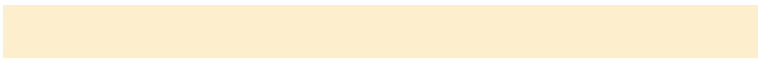
The Inverse Universe completely reimagines the original color for something new.



78.7590, 71.4982, 94.4474



77.8283, 68.5360, 93.9742



82.4873, 87.0149, 70.8422



18.6175, 18.2303, 21.8687



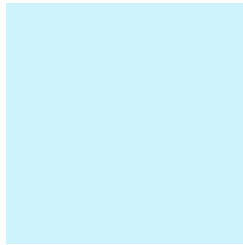
27.0999, 13.3293, 30.2402



2.6780, 1.3136, 3.1516

Previews

White Background



This preview shows how the XYZ color 75.2338, 84.3148, 105.2377 looks on a white background.

Color Contrast Check

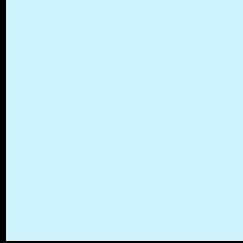
Large Text (above 18pt) WCAG AA × Fail

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 75.2338, 84.3148, 105.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

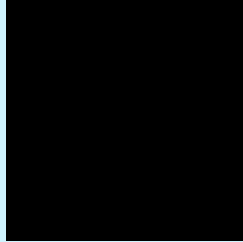
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2338, 84.3148, 105.2377

Background



This preview shows how black text looks on a background with the XYZ color 75.2338, 84.3148, 105.2377.

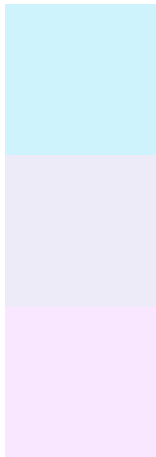


This preview shows how white text looks on a background with the XYZ color 75.2338, 84.3148,

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

75.2338, 84.3148, 105.2377

Protanopia

81.5767, 84.1985, 100.7593

Deuteranopia

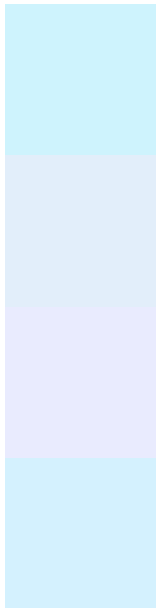
85.4137, 83.9534, 106.3106



Tritanopia

77.2344, 83.9872, 106.7482

Trichromacy



Original Color

75.2338, 84.3148, 105.2377

Protanomaly

79.1939, 84.2199, 102.5246

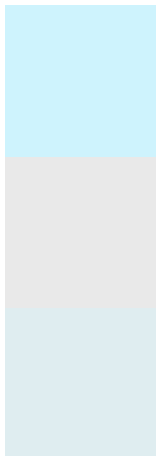
Deuteranomaly

81.2020, 83.8961, 105.6797

Tritanomaly

76.4961, 84.0634, 105.9600

Monochromacy



Original Color

75.2338, 84.3148, 105.2377

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4438, 82.5476, 94.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2338, 84.3148, 105.2377 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(206, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 243, 253)  
}
```

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(206, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 243, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.2338, 84.3148, 105.2377 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(206, 243, 253) }
```


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

```
.border{ border-color:rgb(206, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 243,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2338, 84.3148, 105.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 243, 253) }
```

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

```
.background{ background-color: rgb(206,  
243, 253) }
```

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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