

Converting Colors

XYZ(75.0560, 83.6896,
114.2793)

Have a look what the booklet for
XYZ(75.0560, 83.6896, 114.2793)
contains.

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Color

**XYZ(73.6215, 83.0036,
106.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F2FF
RGB	200, 242, 255
RGB Percent	78%, 95%, 100%
CMY	0.2157, 0.0510, 0.0000
CMYK	0.22, 0.05, 0.00, 0.00
HSL	194°, 100%, 89%
HSV	194°, 22%, 100%
XYZ	73.6215, 83.0036, 106.7488
YIQ	230.9240, -29.2050, -4.8610

Conversions

Conversions Part 2

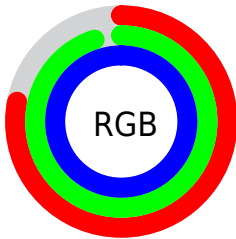
Format	Color
R _{YB}	200, 224, 255
Decimal	13169407
CIE _{Lab}	93.02, -10.71, -10.73
CIE _{LCh}	93, 15.155, 225.051
Yxy	83.0036, 0.2795, 0.3152
Android (android.graphics.Color)	4291359487 (0xFFC8F2FF)
YUV	230.9240, 11.8695, -27.1203
Hunter-Lab	91.1063, -15.1932, -5.6954

Details

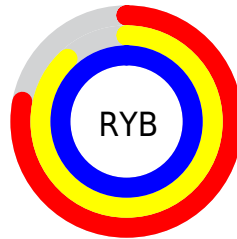
The XYZ color **73.6215, 83.0036, 106.7488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4593, 73.0176, 64.7619**, and the grayscale version is **75.8310, 79.7801, 86.8806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4290, 45.2148, 60.0753** is the 20% darker color. If you saturate the color by 10%, you get **65.6073, 76.2556, 105.8687**, and if you desaturate by 10%, it is **82.8350, 90.4618, 107.7027**.

Distribution



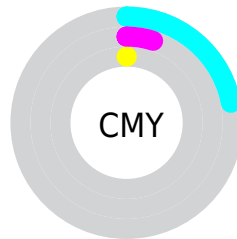
- Red (78%)
- Green (95%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6215, 83.0036, 106.7488 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 73.6215, 83.0036, 106.7488 by changing the saturation by 10% instead.

73.6215, 83.0036,
106.7488

73.6215, 83.0036,
106.7488

462.2365,
504.9985, 603.0505

54.7745, 62.1931,
81.3004

123.3575,
137.5805, 172.5336

39.4543, 45.1888,
60.2566

154.9772,
172.1157, 213.7070

27.2957, 31.6061,
43.1988

191.5852,
211.9946, 260.9592

17.9331, 21.0608,
29.7086

233.5468,
257.6016, 314.7087

11.0014, 13.1685,
19.3673

281.2273,
309.3211, 375.3740

6.1351, 7.5447,
11.7565

334.9922,

2.9688, 3.8050,

367.5375, 443.3738

6.4576

395.2069,
432.6352, 519.1264

■ 1.1373, 1.5651,
3.0520

■ 0.0560, 0.3339,
1.1213

■ 73.6215, 83.0036,
106.7488

■ 73.6215, 83.0036,
106.7488

■ 65.6073, 76.2556,
105.8687

■ 82.8350, 90.4618,
107.7027

■ 58.7290, 70.1780,
105.0581

■ 93.2940, 98.6486,
108.7317

■ 52.9270, 64.7412,
104.3145

■ 95.0500, 100.0000,
108.9000

■ 48.1337, 59.9097,
103.6345

■ 44.2732, 55.6433,
103.0145

■ 41.2583, 51.8963,
102.4502

■ 38.9844, 48.6138,
101.9364

■ 37.5084, 46.1369,
101.5361

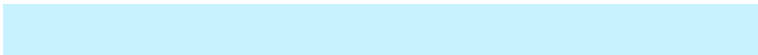
Harmonies

Analogous

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



71.7480, 83.0036, 96.1735



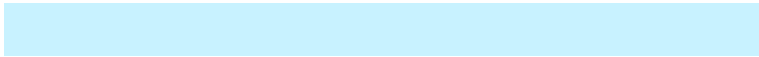
73.6215, 83.0036, 106.7488



76.9396, 83.0036, 113.1868

Triad

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



73.6215, 83.0036, 106.7488



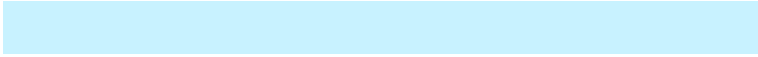
86.4997, 83.0036, 96.1344



76.9268, 83.0036, 70.8663

Complementary

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



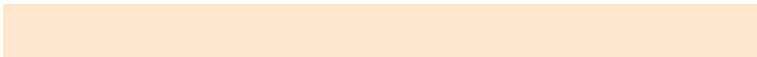
73.6215, 83.0036, 106.7488



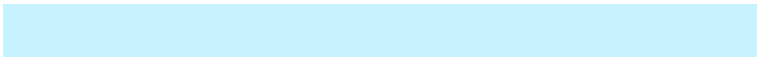
75.4593, 73.0176, 64.7619

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.



80.8780, 83.0036, 70.8578



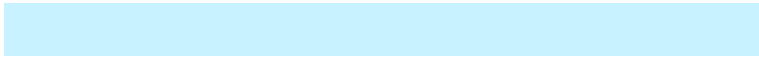
73.6215, 83.0036, 106.7488



86.4960, 83.0036, 84.8179

Square

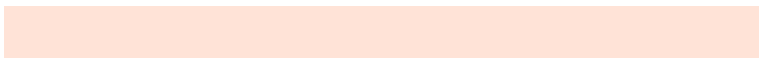
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6215, 83.0036, 106.7488



84.4192, 83.0036, 106.7181



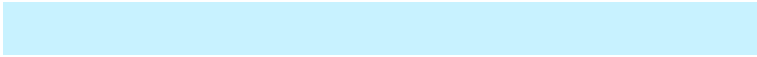
84.4091, 83.0036, 75.7707



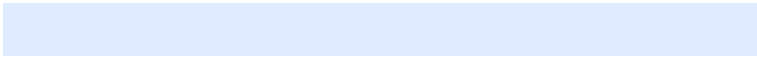
73.6123, 83.0036, 75.7951

Rectangle

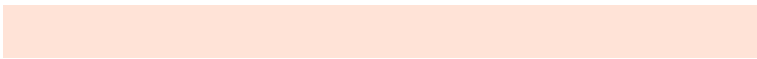
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6215, 83.0036, 106.7488



79.5664, 83.0036, 113.9495



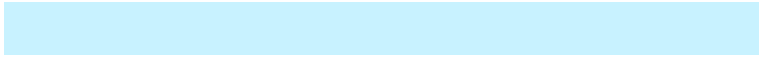
84.4091, 83.0036, 75.7707



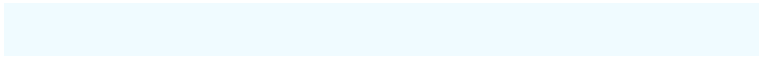
78.2223, 83.0036, 70.3023

Sweetspot

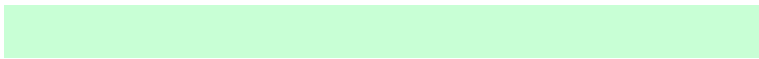
The Sweet Spot groups the original color and five complimentary colors.



73.6237, 83.0069, 106.7493



88.5009, 94.9278, 108.2661



71.5695, 88.5955, 76.1698



18.7962, 20.2038, 23.1590



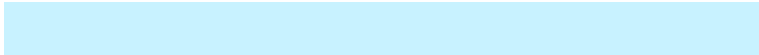
0.0000, 0.0000, 0.0000



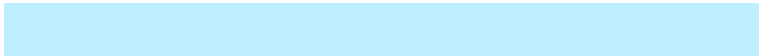
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6237, 83.0069, 106.7493



69.9264, 79.9294, 106.3501



66.0863, 67.9320, 104.2368



18.1697, 19.7110, 23.0969



19.7197, 24.3489, 53.0951



2.0036, 2.5378, 5.1975

Inverse Universe

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



77.9226, 68.9809, 93.2159



75.0025, 63.7780, 90.2778



82.9242, 87.9473, 67.2501



18.5983, 18.2226, 21.7679



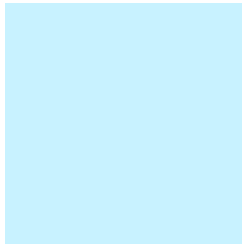
26.7418, 13.1860, 28.3544



2.6459, 1.3007, 2.9828

Previews

White Background



This preview shows how the XYZ color 73.6215, 83.0036, 106.7488 looks on a white background.

Color Contrast Check

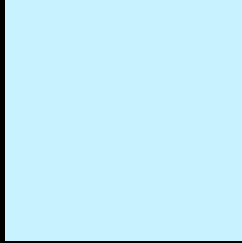
Large Text (above 18pt) WCAG AA × Fail

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 73.6215, 83.0036, 106.7488 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 73.6215, 83.0036, 106.7488

Background



This preview shows how black text looks on a background with the XYZ color 73.6215, 83.0036, 106.7488.

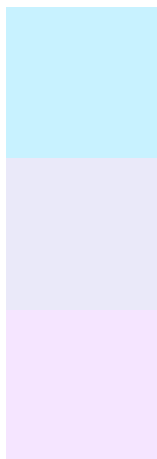


This preview shows how white text looks on a background with the XYZ color 73.6215, 83.0036,

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

73.6215, 83.0036, 106.7488

Protanopia

80.1695, 82.6098, 101.3424

Deuteranopia

83.7255, 82.6711, 106.1521



Tritanopia

75.5046, 83.0955, 106.6673

Trichromacy



Original Color

73.6215, 83.0036, 106.7488

Protanomaly

77.5322, 82.4855, 103.1017

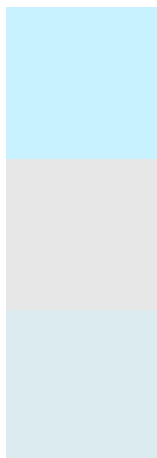
Deuteranomaly

79.7859, 82.7237, 106.3698

Tritanomaly

74.9589, 83.2524, 106.7263

Monochromacy



Original Color

73.6215, 83.0036, 106.7488

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9517, 80.9236, 94.1075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6215, 83.0036, 106.7488 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(200, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 242, 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(200, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6215, 83.0036, 106.7488 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(200, 242, 255) }
```


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

```
.border{ border-color:rgb(200, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6215, 83.0036, 106.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 242, 255) }
```

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

```
.background{ background-color: rgb(200,  
242, 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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