

Converting Colors

XYZ(66.8142, 72.9301, 96.1434)

Have a look what the booklet for
XYZ(66.8142, 72.9301, 96.1434)
contains.

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Color

**XYZ(66.8142, 72.9301,
96.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E2F4
RGB	198, 226, 244
RGB Percent	78%, 89%, 96%
CMY	0.2235, 0.1137, 0.0431
CMYK	0.19, 0.07, 0.00, 0.04
HSL	203°, 68%, 87%
HSV	203°, 19%, 96%
XYZ	66.8142, 72.9301, 96.1434
YIQ	219.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

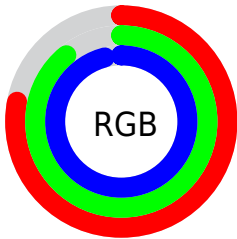
Format	Color
R _Y B	198, 215, 244
Decimal	13034228
CIE Lab	88.41, -5.49, -11.85
CIE LCh	88, 13.057, 245.160
Yxy	72.9301, 0.2832, 0.3092
Android (android.graphics.Color)	4291224308 (0xFFC6E2F4)
YUV	219.6800, 11.9898, -19.0134
Hunter-Lab	85.3991, -9.7944, -6.9700

Details

The XYZ color **66.8142, 72.9301, 96.1434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0579, 72.4222, 63.6087**, and the grayscale version is **67.7366, 71.2642, 77.6067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1416, 38.6860, 53.1919** is the 20% darker color. If you saturate the color by 10%, you get **58.3699, 64.8316, 95.0265**, and if you desaturate by 10%, it is **76.4435, 81.8577, 97.3603**.

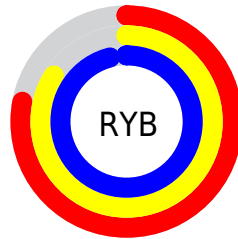
Distribution



Red (78%)

Green (89%)

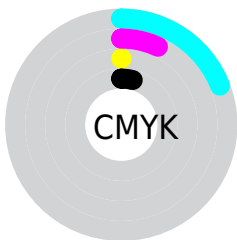
Blue (96%)



Red (78%)

Yellow (84%)

Blue (96%)

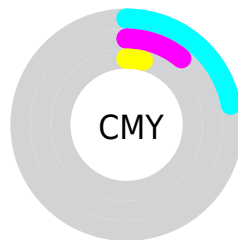


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8142, 72.9301, 96.1434 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 66.8142, 72.9301, 96.1434 by changing the saturation by 10% instead.

■ 66.8142, 72.9301,
96.1434

■ 66.8142, 72.9301,
96.1434

438.7260,
470.7725, 568.8966

■ 49.2038, 53.9188,
72.4849

113.7054,
123.3780, 157.8525

■ 34.9964, 38.5368,
53.0656

143.7169,
155.5833, 196.7400

■ 23.8266, 26.3995,
37.4670

178.5928,
192.9555, 241.5411

■ 15.3291, 17.1228,
25.2707

218.6985,
235.8789, 292.6741

■ 9.1385, 10.3221,
16.0580

264.3993,
284.7379, 350.5576

■ 4.8894, 5.6130,
9.4104

316.0606,

■ 2.2166, 2.6112,

339.9169, 415.6101

4.9094

374.0477,
401.8003, 488.2503

■ 0.7515, 0.9323,
2.1364

■ 0.0000, 0.0000,
0.6373

■ 66.8142, 72.9301,
96.1434

■ 66.8142, 72.9301,
96.1434

■ 58.3699, 64.8316,
95.0265

■ 76.4435, 81.8577,
97.3603

■ 51.0522, 57.5232,
94.0015

■ 87.2996, 91.6340,
98.6751

■ 44.8072, 50.9754,
93.0668

■ 93.2159, 99.0848,
99.8014

■ 39.5740, 45.1531,
92.2188

■ 93.3294, 99.3117,
99.8392

■ 35.2846, 40.0176,
91.4536

■ 31.8621, 35.5253,
90.7669

■ 29.2157, 31.6255,
90.1536

■ 27.2123, 28.2455,
89.6068

■ 27.0037, 27.8803,
89.5473

Harmonies

Analogous

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



64.5015, 72.9301, 89.7801



66.8142, 72.9301, 96.1434



69.8619, 72.9301, 97.8902

Triad

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



66.8142, 72.9301, 96.1434



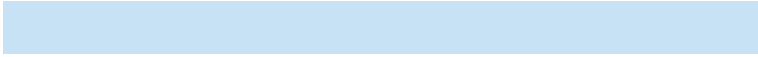
75.5019, 72.9301, 77.8645



65.9013, 72.9301, 66.1035

Complementary

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



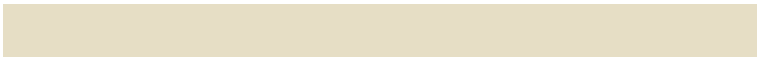
66.8142, 72.9301, 96.1434



72.0579, 72.4222, 63.6087

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.



68.7766, 72.9301, 63.4130



66.8142, 72.9301, 96.1434



74.3682, 72.9301, 69.8681

Square

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



66.8142, 72.9301, 96.1434



74.9384, 72.9301, 86.8903



71.8833, 72.9301, 64.7377



63.9857, 72.9301, 72.3690

Rectangle

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



66.8142, 72.9301, 96.1434



71.9147, 72.9301, 96.0970



71.8833, 72.9301, 64.7377



66.7843, 72.9301, 64.7734

Sweetspot

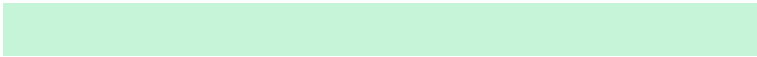
The Sweet Spot groups the original color and five complimentary colors.



66.8164, 72.9331, 96.1450



87.7634, 93.4528, 108.0203



67.9881, 81.6474, 76.8952



18.6217, 19.8546, 23.1008



0.0000, 0.0000, 0.0000



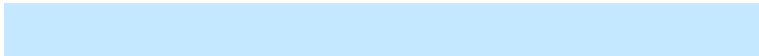
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8164, 72.9331, 96.1450



69.7777, 76.7460, 105.7435



61.0620, 61.4243, 94.2269



16.4208, 17.6058, 21.0754



14.8197, 15.4332, 48.7359



1.4023, 1.5560, 4.3167

Inverse Universe

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



71.2315, 65.1140, 80.7688



75.6320, 66.7272, 85.2771



78.2618, 84.8302, 65.6767



16.9230, 16.6520, 19.3409



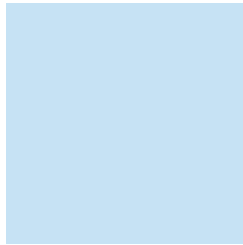
23.2848, 11.6574, 16.7401



2.0969, 1.0447, 1.7365

Previews

White Background



This preview shows how the XYZ color 66.8142, 72.9301, 96.1434 looks on a white background.

Color Contrast Check

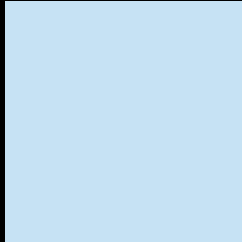
Large Text (above 18pt) WCAG AA × Fail

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 66.8142, 72.9301, 96.1434 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

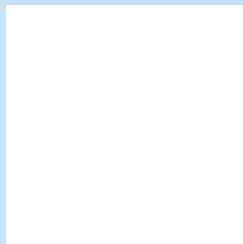
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8142, 72.9301, 96.1434

Background



This preview shows how black text looks on a background with the XYZ color 66.8142, 72.9301, 96.1434.



This preview shows how white text looks on a background with the XYZ color 66.8142, 72.9301,

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

66.8142, 72.9301, 96.1434

Protanopia

70.8366, 72.6933, 92.7358

Deuteranopia

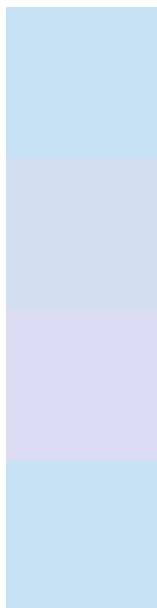
74.4691, 72.9214, 97.3391



Tritanopia

66.8142, 72.9301, 96.1434

Trichromacy



Original Color

66.8142, 72.9301, 96.1434

Protanomaly

69.1498, 72.5905, 93.5859

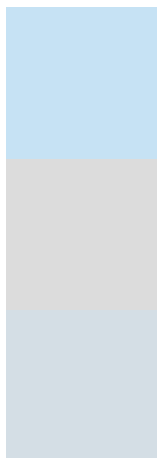
Deuteranomaly

71.5898, 72.9946, 96.7024

Tritanomaly

66.8142, 72.9301, 96.1434

Monochromacy



Original Color

66.8142, 72.9301, 96.1434

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4155, 71.8967, 84.4530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8142, 72.9301, 96.1434 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(198, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 244)  
}
```

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(198, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 244) }
```

Border

The CSS property to change the border of an element to XYZ 66.8142, 72.9301, 96.1434 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(198, 226, 244) }
```


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

```
.border{ border-color:rgb(198, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8142, 72.9301, 96.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 244) }
```

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

```
.background{ background-color: rgb(198,  
226, 244) }
```

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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