

Converting Colors

XYZ(66.7271, 74.6548, 98.1266)

Have a look what the booklet for
XYZ(66.7271, 74.6548, 98.1266)
contains.

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Color

**XYZ(66.6696, 74.4539,
98.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E6F6
RGB	192, 230, 246
RGB Percent	75%, 90%, 96%
CMY	0.2470, 0.0980, 0.0353
CMYK	0.22, 0.07, 0.00, 0.04
HSL	198°, 75%, 86%
HSV	198°, 22%, 96%
XYZ	66.6696, 74.4539, 98.0460
YIQ	220.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

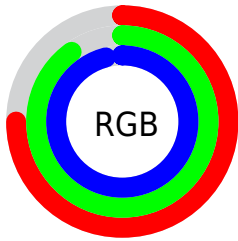
Format	Color
R_{YB}	192, 214, 246
Decimal	12642038
CIE _{Lab}	89.14, -8.92, -11.86
CIE _{LCh}	89, 14.841, 233.060
Yxy	74.4539, 0.2788, 0.3113
Android (android.graphics.Color)	4290832118 (0xFFC0E6F6)
YUV	220.4620, 12.5902, -24.9612
Hunter-Lab	86.2867, -13.0832, -6.9695

Details

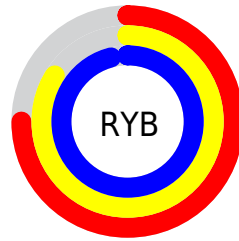
The XYZ color **66.6696, 74.4539, 98.0460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0772, 68.5107, 59.4012**, and the grayscale version is **68.2807, 71.8366, 78.2301**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **34.9115, 39.3931, 54.4788** is the 20% darker color. If you saturate the color by 10%, you get **58.9684, 67.5375, 97.1181**, and if you desaturate by 10%, it is **75.5011, 82.0826, 99.0542**.

Distribution



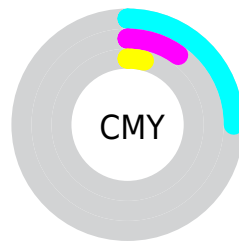
- Red (75%)
- Green (90%)
- Blue (96%)



- Red (75%)
- Yellow (84%)
- Blue (96%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6696, 74.4539, 98.0460 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 66.6696, 74.4539, 98.0460 by changing the saturation by 10% instead.

■ 66.6696, 74.4539,
98.0460

■ 66.6696, 74.4539,
98.0460

438.2188,
476.0385, 575.1027

■ 49.0859, 55.1656,
74.0619

■ 113.4993,
125.5390, 160.4977

■ 34.9024, 39.5343,
54.3476

143.4759,
158.1047, 199.8024

■ 23.7539, 27.1757,
38.4846

178.3143,
195.8649, 245.0511

■ 15.2749, 17.7052,
26.0543

218.3797,
239.2041, 296.6623

■ 9.1001, 10.7385,
16.6381

264.0375,
288.5066, 355.0545

■ 4.8642, 5.8913,
9.8176

315.6530,

■ 2.2017, 2.7791,

344.1570, 420.6462

5.1742

373.5917,
406.5394, 493.8561

■ 0.7436, 1.0175,
2.2893

■ 0.0000, 0.0000,
0.7252

■ 66.6696, 74.4539,
98.0460

■ 66.6696, 74.4539,
98.0460

■ 58.9684, 67.5375,
97.1181

■ 75.5011, 82.0826,
99.0542

■ 52.3382, 61.2957,
96.2628

■ 85.5053, 90.4415,
100.1404

■ 46.7239, 55.7004,
95.4787

■ 92.6437, 97.4517,
101.1173

■ 42.0627, 50.7177,
94.7626

■ 93.6348, 99.4339,
101.4476

■ 38.2845, 46.3098,
94.1109

■ 35.3084, 42.4335,
93.5196

■ 33.0375, 39.0369,
92.9837

■ 31.6022, 36.5887,
92.5868

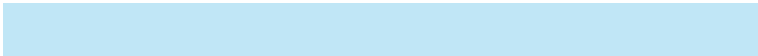
Harmonies

Analogous

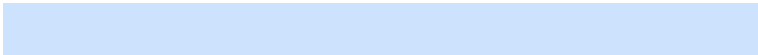
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.5601, 74.4539, 89.1194



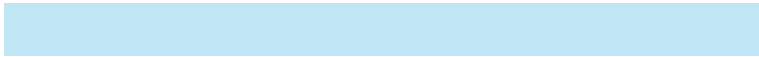
66.6696, 74.4539, 98.0460



69.9294, 74.4539, 102.4828

Triad

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



66.6696, 74.4539, 98.0460



77.8945, 74.4539, 83.4975



68.0778, 74.4539, 64.0928

Complementary

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



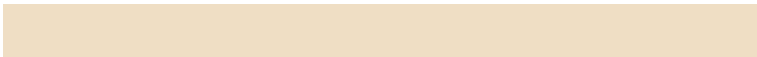
66.6696, 74.4539, 98.0460



70.0772, 68.5107, 59.4012

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.



71.6096, 74.4539, 62.8651



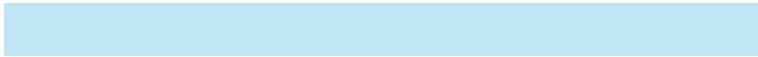
66.6696, 74.4539, 98.0460



77.3578, 74.4539, 73.5161

Square

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



66.6696, 74.4539, 98.0460



76.4697, 74.4539, 93.6324



75.0273, 74.4539, 66.1720



65.3536, 74.4539, 69.6804

Rectangle

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



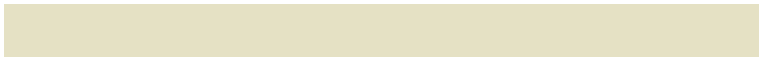
66.6696, 74.4539, 98.0460



72.3489, 74.4539, 102.0519



75.0273, 74.4539, 66.1720



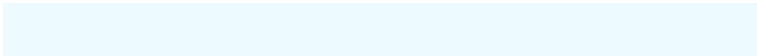
69.2068, 74.4539, 63.1772

Sweetspot

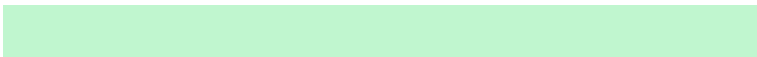
The Sweet Spot groups the original color and five complimentary colors.



66.6718, 74.4569, 98.0477



87.1213, 93.4427, 108.0522



65.9947, 81.6391, 71.5052



18.5077, 19.8836, 23.1124



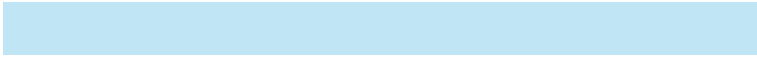
0.0000, 0.0000, 0.0000



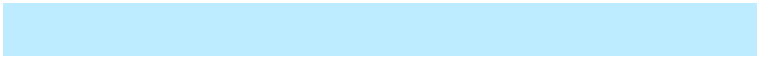
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6718, 74.4569, 98.0477



68.7731, 77.6228, 105.9657



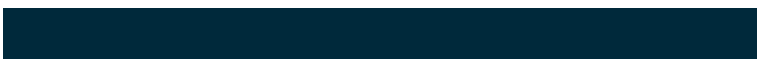
59.8960, 60.9052, 95.7891



16.5580, 17.8803, 21.1211



16.9957, 19.7851, 49.4612



1.5829, 1.9171, 4.3769

Inverse Universe

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



71.1404, 63.0070, 83.2784



74.4204, 63.5452, 87.2124



77.0302, 82.4167, 61.7189



16.9922, 16.6797, 19.7056



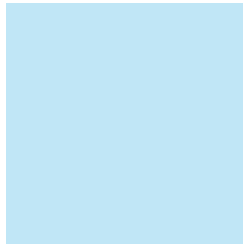
24.3831, 12.0967, 22.5238



2.1880, 1.0812, 2.2164

Previews

White Background



This preview shows how the XYZ color 66.6696, 74.4539, 98.0460 looks on a white background.

Color Contrast Check

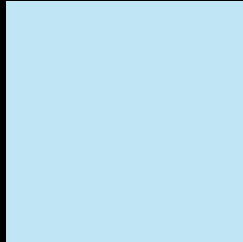
Large Text (above 18pt) WCAG AA × Fail

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 66.6696, 74.4539, 98.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

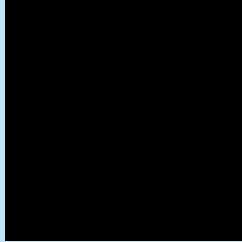
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6696, 74.4539, 98.0460

Background



This preview shows how black text looks on a background with the XYZ color 66.6696, 74.4539, 98.0460.

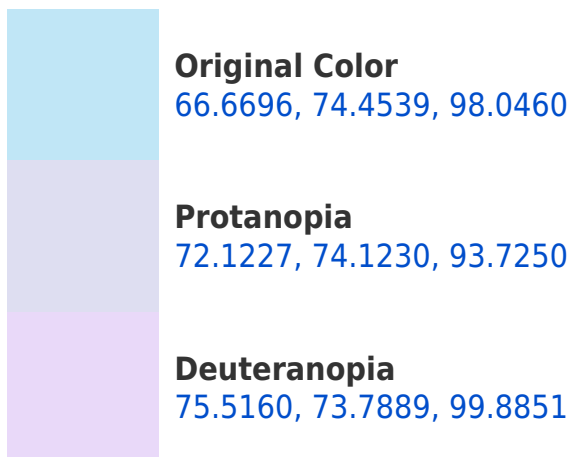


This preview shows how white text looks on a background with the XYZ color 66.6696, 74.4539,

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

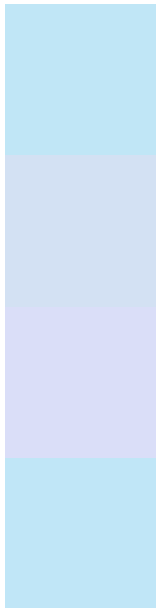




Tritanopia

66.9783, 74.5774, 99.6717

Trichromacy



Original Color

66.6696, 74.4539, 98.0460

Protanomaly

69.9668, 74.1704, 95.4227

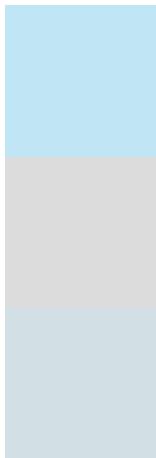
Deuteranomaly

71.9780, 73.9253, 99.2823

Tritanomaly

66.8235, 74.5155, 98.8566

Monochromacy



Original Color

66.6696, 74.4539, 98.0460

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3769, 72.6701, 84.6043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6696, 74.4539, 98.0460 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(192, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(192, 230, 246)  
}
```

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(192, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 230, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.6696, 74.4539, 98.0460 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(192, 230, 246) }
```


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

```
.border{ border-color:rgb(192, 230, 246) }
```

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

Here you see how a box with a 4 pixel rgb(192, 230, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(192, 230,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6696, 74.4539, 98.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 230, 246) }
```

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

```
.background{ background-color: rgb(192,  
230, 246) }
```

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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