

Converting Colors

XYZ(66.5717, 74.3817, 90.9714)

Have a look what the booklet for
XYZ(66.5717, 74.3817, 90.9714)
contains.

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Color

**XYZ(66.6088, 74.5784,
91.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E6ED
RGB	197, 230, 237
RGB Percent	77%, 90%, 93%
CMY	0.2274, 0.0980, 0.0706
CMYK	0.17, 0.03, 0.00, 0.07
HSL	190°, 53%, 85%
HSV	190°, 17%, 93%
XYZ	66.6088, 74.5784, 91.0052
YIQ	220.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

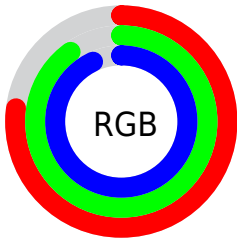
Format	Color
R _Y B	197, 215, 237
Decimal	12969709
CIE Lab	89.20, -9.31, -7.02
CIE LCh	89, 11.659, 217.037
Yxy	74.5784, 0.2869, 0.3212
Android (android.graphics.Color)	4291159789 (0xFFC5E6ED)
YUV	220.9310, 7.9220, -20.9875
Hunter-Lab	86.3588, -13.4503, -2.0289

Details

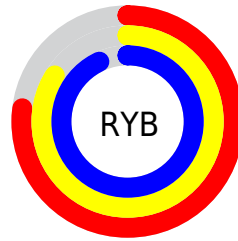
The XYZ color **66.6088, 74.5784, 91.0052** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5964, 65.2213, 61.9035**, and the grayscale version is **68.6378, 72.2123, 78.6392**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **34.8042, 39.4479, 49.4959** is the 20% darker color. If you saturate the color by 10%, you get **59.7448, 69.3494, 90.3589**, and if you desaturate by 10%, it is **74.4802, 80.3714, 91.7097**.

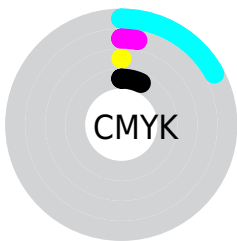
Distribution



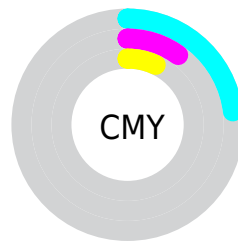
- Red (77%)
- Green (90%)
- Blue (93%)



- Red (77%)
- Yellow (84%)
- Blue (93%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6088, 74.5784, 91.0052 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 66.6088, 74.5784, 91.0052 by changing the saturation by 10% instead.

66.6088, 74.5784,
91.0052

66.6088, 74.5784,
91.0052

438.0054,
476.4672, 551.9496

49.0363, 55.2676,
68.2363

113.4126,
125.7154, 150.6816

34.8629, 39.6160,
49.6221

143.3746,
158.3103, 188.4261

23.7233, 27.2393,
34.7441

178.1971,
196.1021, 231.9995

15.2521, 17.7530,
23.1839

218.2455,
239.4751, 281.8204

9.0840, 10.7728,
14.5228

263.8852,
288.8137, 338.3073

4.8536, 5.9143,
8.3423

315.4815,

2.1955, 2.7930,

344.5024, 401.8788

4.2238

373.3998,
406.9254, 472.9534

■ 0.7403, 1.0247,
1.7489

■ 0.0000, 0.0000,
0.3939

■ 66.6088, 74.5784,
91.0052

■ 66.6088, 74.5784,
91.0052

■ 59.7448, 69.3494,
90.3589

■ 74.4802, 80.3714,
91.7097

■ 53.8361, 64.6514,
89.7635

■ 83.3951, 86.7413,
92.4693

■ 48.8355, 60.4617,
89.2184

■ 88.4101, 91.1421,
93.0545

■ 44.6893, 56.7524,
88.7209

■ 89.6610, 93.6439,
93.4714

■ 41.3379, 53.4924,
88.2683

■ 90.9401, 96.2022,
93.8978

■ 38.7137, 50.6466,
87.8573

■ 92.2476, 98.8171,
94.3336

■ 36.7377, 48.1740,
87.4842

■ 92.2863, 98.8945,
94.3465

■ 35.3089, 46.0221,
87.1442

■ 34.9238, 45.3896,
87.0424

Harmonies

Analogous

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



65.5952, 74.5784, 83.1367



66.6088, 74.5784, 91.0052



68.7726, 74.5784, 96.4920

Triad

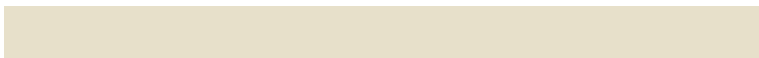
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6088, 74.5784, 91.0052



76.0392, 74.5784, 87.4671



70.2168, 74.5784, 66.6321

Complementary

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



66.6088, 74.5784, 91.0052



66.5964, 65.2213, 61.9035

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.



73.0392, 74.5784, 67.6212



66.6088, 74.5784, 91.0052



76.4508, 74.5784, 79.2999

Square

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



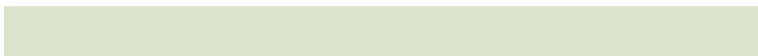
66.6088, 74.5784, 91.0052



74.2292, 74.5784, 94.3558



75.3394, 74.5784, 72.1316



67.6419, 74.5784, 69.3335

Rectangle

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



66.6088, 74.5784, 91.0052



70.6022, 74.5784, 97.8671



75.3394, 74.5784, 72.1316



71.1676, 74.5784, 66.5471

Sweetspot

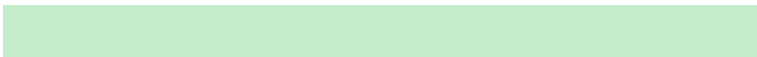
The Sweet Spot groups the original color and five complimentary colors.



66.6110, 74.5815, 91.0069



89.8065, 96.2468, 108.4519



64.1705, 76.7836, 68.3572



19.0700, 20.4909, 23.2000



0.0000, 0.0000, 0.0000



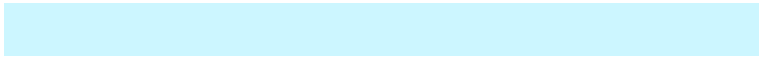
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6110, 74.5815, 91.0069



75.9317, 86.0170, 107.2087



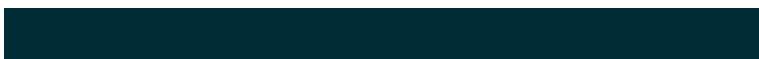
61.4423, 64.2440, 89.2840



15.2805, 16.6475, 19.3302



19.1534, 24.9539, 47.5500



1.5628, 2.0772, 3.7534

Inverse Universe

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



69.1759, 63.6517, 83.5066



79.4796, 71.1044, 96.7880



71.5705, 75.1694, 63.5615



15.5951, 15.2659, 18.4193



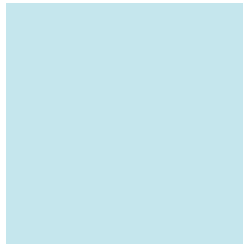
24.5231, 12.0119, 29.6195



1.9554, 0.9551, 2.4822

Previews

White Background



This preview shows how the XYZ color 66.6088, 74.5784, 91.0052 looks on a white background.

Color Contrast Check

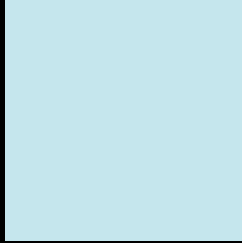
Large Text (above 18pt) WCAG AA × Fail

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 66.6088, 74.5784, 91.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

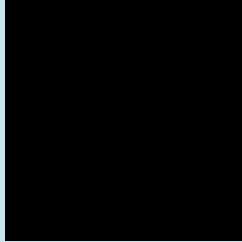
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6088, 74.5784, 91.0052

Background



This preview shows how black text looks on a background with the XYZ color 66.6088, 74.5784, 91.0052.

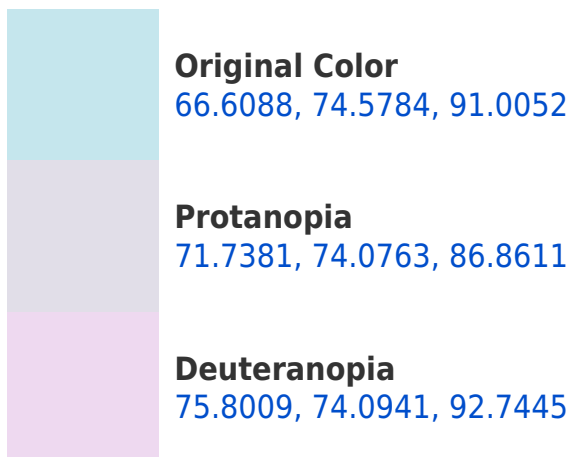


This preview shows how white text looks on a background with the XYZ color 66.6088, 74.5784,

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

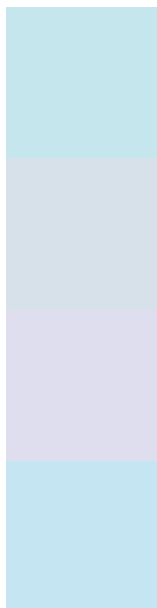




Tritanopia

68.0851, 74.3443, 98.7571

Trichromacy



Original Color

66.6088, 74.5784, 91.0052

Protanomaly

69.8008, 74.2380, 88.4924

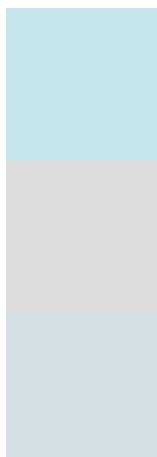
Deuteranomaly

72.1327, 74.1625, 92.1744

Tritanomaly

67.4857, 74.5155, 95.6201

Monochromacy



Original Color

66.6088, 74.5784, 91.0052

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6722, 72.8544, 83.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6088, 74.5784, 91.0052 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(197, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 237)  
}
```

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(197, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.6088, 74.5784, 91.0052 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(197, 230, 237) }
```


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

```
.border{ border-color:rgb(197, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6088, 74.5784, 91.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 237) }
```

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

```
.background{ background-color: rgb(197,  
230, 237) }
```

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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