

Converting Colors

XYZ(68.4489, 73.8379, 93.9600)

Have a look what the booklet for
XYZ(68.4489, 73.8379, 93.9600)
contains.

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Color

**XYZ(68.5271, 73.8654,
93.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE2F1
RGB	206, 226, 241
RGB Percent	81%, 89%, 95%
CMY	0.1921, 0.1137, 0.0549
CMYK	0.15, 0.06, 0.00, 0.05
HSL	206°, 56%, 88%
HSV	206°, 15%, 95%
XYZ	68.5271, 73.8654, 93.8648
YIQ	221.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

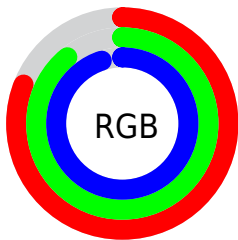
Format	Color
R _Y B	206, 219, 241
Decimal	13558513
CIE Lab	88.86, -3.63, -9.56
CIE LCh	89, 10.223, 249.178
Yxy	73.8654, 0.2901, 0.3126
Android (android.graphics.Color)	4291748593 (0xFFCEE2F1)
YUV	221.7300, 9.5001, -13.7952
Hunter-Lab	85.9450, -8.0791, -4.5921

Details

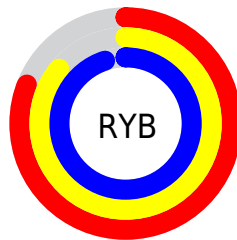
The XYZ color **68.5271, 73.8654, 93.8648** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2731, 74.8696, 68.9832**, and the grayscale version is **69.1861, 72.7891, 79.2673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0824, 39.2079, 51.5651** is the 20% darker color. If you saturate the color by 10%, you get **59.6192, 65.2312, 92.6689**, and if you desaturate by 10%, it is **78.6343, 83.3728, 95.1684**.

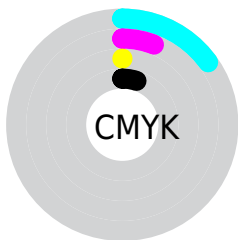
Distribution



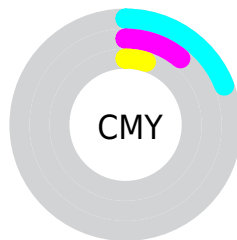
- Red (81%)
- Green (89%)
- Blue (95%)



- Red (81%)
- Yellow (86%)
- Blue (95%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5271, 73.8654, 93.8648 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 68.5271, 73.8654, 93.8648 by changing the saturation by 10% instead.

■ 68.5271, 73.8654,
93.8648

■ 68.5271, 73.8654,
93.8648

444.7088,
474.0087, 561.4156

■ 50.6019, 54.6839,
70.5988

116.1437,
124.7050, 154.6774

■ 36.1116, 39.1487,
51.5351

146.5657,
157.1318, 193.0611

■ 24.6909, 26.8754,
36.2549

181.8841,
194.7426, 237.3212

■ 15.9745, 17.4797,
24.3399

222.4643,
237.9216, 287.8762

■ 9.5968, 10.5771,
15.3714

268.6714,
287.0534, 345.1445

■ 5.1927, 5.7832,
8.9310

320.8710,

■ 2.3967, 2.7137,

342.5222, 409.5449

4.6000

379.4283,
404.7125, 481.4957

■ 0.8434, 0.9842,
1.9599

■ 0.0000, 0.0000,
0.5305

■ 68.5271, 73.8654,
93.8648

■ 68.5271, 73.8654,
93.8648

■ 59.6192, 65.2312,
92.6689

■ 78.6343, 83.3728,
95.1684

■ 51.8546, 57.4312,
91.5726

■ 89.9808, 93.7724,
96.5777

■ 45.1823, 50.4365,
90.5741

■ 92.8774, 99.1310,
97.4593

■ 39.5444, 44.2126,
89.6700

■ 34.8776, 38.7221,
88.8562

■ 31.1104, 33.9233,
88.1285

■ 28.1606, 29.7687,
87.4820

■ 25.9280, 26.2013,
86.9111

■ 24.9282, 24.4525,
86.6262

Harmonies

Analogous

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



66.5784, 73.8654, 89.3573



68.5271, 73.8654, 93.8648



70.9695, 73.8654, 94.6611

Triad

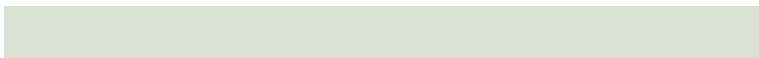
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5271, 73.8654, 93.8648



75.0154, 73.8654, 78.2702



67.2402, 73.8654, 70.3078

Complementary

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



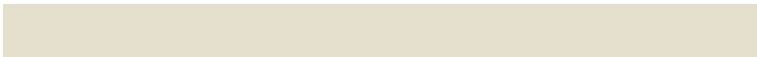
68.5271, 73.8654, 93.8648



73.2731, 74.8696, 68.9832

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.



69.4497, 73.8654, 67.6963



68.5271, 73.8654, 93.8648



73.9648, 73.8654, 72.1122

Square

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



68.5271, 73.8654, 93.8648



74.7543, 73.8654, 85.3745



71.9138, 73.8654, 68.3369



65.8477, 73.8654, 75.6741

Rectangle

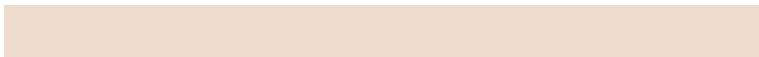
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5271, 73.8654, 93.8648



72.5550, 73.8654, 92.9365



71.9138, 73.8654, 68.3369



67.9099, 73.8654, 69.0934

Sweetspot

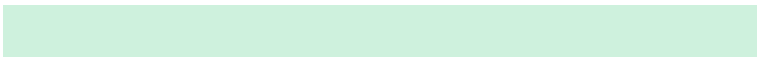
The Sweet Spot groups the original color and five complimentary colors.



68.5293, 73.8685, 93.8665



90.0180, 95.3596, 108.2695



69.9058, 81.2320, 80.1121



19.0705, 20.2280, 23.1492



0.0000, 0.0000, 0.0000



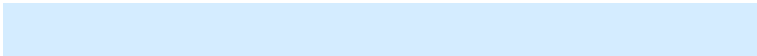
20.3446, 21.4041, 23.3091

Same Dimension

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



68.5293, 73.8685, 93.8665



75.2187, 81.4012, 106.3553



64.1121, 65.0341, 92.3941



15.6472, 16.7286, 20.1259



13.6544, 13.5330, 47.0203



1.2344, 1.3229, 3.9445

Inverse Universe

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



72.0761, 68.3359, 81.3464



79.8983, 74.2530, 89.8025



78.0162, 84.3559, 70.5642



16.1514, 15.9103, 18.3534



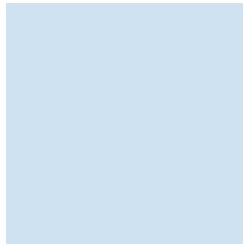
22.2177, 11.1595, 14.3290



1.8980, 0.9483, 1.4539

Previews

White Background



This preview shows how the XYZ color 68.5271, 73.8654, 93.8648 looks on a white background.

Color Contrast Check

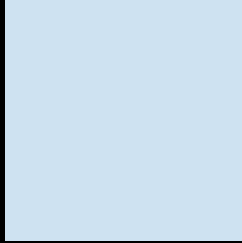
Large Text (above 18pt) WCAG AA × Fail

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 68.5271, 73.8654, 93.8648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

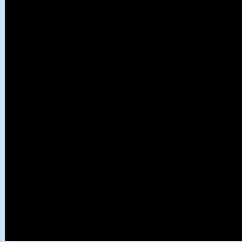
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

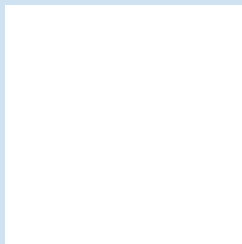
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5271, 73.8654, 93.8648

Background



This preview shows how black text looks on a background with the XYZ color 68.5271, 73.8654, 93.8648.



This preview shows how white text looks on a background with the XYZ color 68.5271, 73.8654,

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

68.5271, 73.8654, 93.8648

Protanopia

71.4133, 73.4155, 91.2957

Deuteranopia

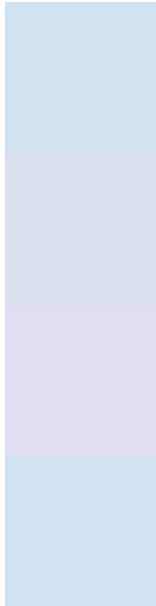
75.2515, 73.7589, 95.0647



Tritanopia

68.9791, 74.0462, 96.2447

Trichromacy



Original Color

68.5271, 73.8654, 93.8648

Protanomaly

70.2866, 73.6063, 92.1643

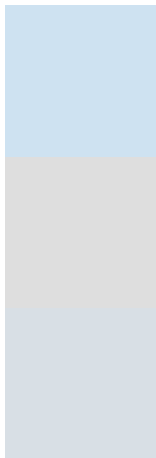
Deuteranomaly

72.3607, 73.4445, 94.3668

Tritanomaly

68.8276, 73.9856, 95.4471

Monochromacy



Original Color

68.5271, 73.8654, 93.8648

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.8494, 73.0314, 84.5965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5271, 73.8654, 93.8648 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, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 226, 241)  
}
```

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, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 226, 241) }
```

Border

The CSS property to change the border of an element to XYZ 68.5271, 73.8654, 93.8648 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, 226, 241) }
```


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

```
.border{ border-color:rgb(206, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 226,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5271, 73.8654, 93.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 226, 241) }
```

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

```
.background{ background-color: rgb(206,  
226, 241) }
```

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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