

Converting Colors

XYZ(68.7655, 73.3123, 97.0996)

Have a look what the booklet for
XYZ(68.7655, 73.3123, 97.0996)
contains.

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Color

**XYZ(68.8602, 73.5648,
96.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE1F5
RGB	206, 225, 245
RGB Percent	81%, 88%, 96%
CMY	0.1921, 0.1176, 0.0392
CMYK	0.16, 0.08, 0.00, 0.04
HSL	211°, 66%, 88%
HSV	211°, 16%, 96%
XYZ	68.8602, 73.5648, 96.9563
YIQ	221.5990, -17.7440, 2.1920

Conversions

Conversions Part 2

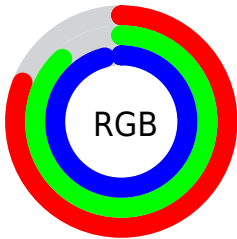
Format	Color
R _Y B	206, 219, 245
Decimal	13558261
CIE Lab	88.72, -2.29, -11.87
CIE LCh	89, 12.088, 259.057
Yxy	73.5648, 0.2877, 0.3073
Android (android.graphics.Color)	4291748341 (0xFFCEE1F5)
YUV	221.5990, 11.5367, -13.6803
Hunter-Lab	85.7699, -6.7890, -6.9838

Details

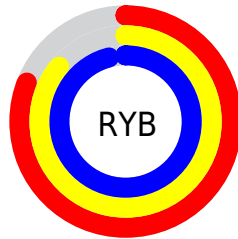
The XYZ color **68.8602, 73.5648, 96.9563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9936, 78.2611, 69.4945**, and the grayscale version is **69.0804, 72.6780, 79.1463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3225, 39.0029, 53.7580** is the 20% darker color. If you saturate the color by 10%, you get **59.3099, 63.7858, 95.5733**, and if you desaturate by 10%, it is **79.7249, 84.3962, 98.4755**.

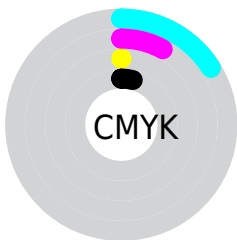
Distribution



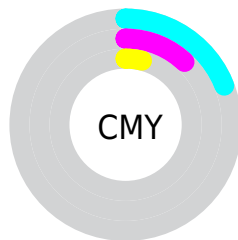
- Red (81%)
- Green (88%)
- Blue (96%)



- Red (81%)
- Yellow (86%)
- Blue (96%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8602, 73.5648, 96.9563 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 68.8602, 73.5648, 96.9563 by changing the saturation by 10% instead.

■ 68.8602, 73.5648,
96.9563

■ 68.8602, 73.5648,
96.9563

445.8668,
472.9700, 571.5526

■ 50.8741, 54.4379,
73.1584

116.6170,
124.2787, 158.9833

■ 36.3291, 38.9519,
53.6129

147.1185,
156.6345, 198.0495

■ 24.8597, 26.7223,
37.9012

182.5224,
194.1687, 243.0422

■ 16.1007, 17.3648,
25.6048

223.1942,
237.2657, 294.3800

■ 9.6868, 10.4949,
16.3051

269.4992,
286.3100, 352.4814

■ 5.2524, 5.7283,
9.5836

321.8027,

■ 2.4324, 2.6806,

341.6859, 417.7650

5.0218

380.4701,
403.7777, 490.6492

■ 0.8613, 0.9673,
2.2011

■ 0.0000, 0.0000,
0.6750

■ 68.8602, 73.5648,
96.9563

■ 68.8602, 73.5648,
96.9563

■ 59.3099, 63.7858,
95.5733

■ 79.7249, 84.3962,
98.4755

■ 51.0132, 55.0141,
94.3175

■ 91.9475, 96.3043,
100.1298

■ 43.9139, 47.2145,
93.1862

■ 93.4817, 99.3727,
100.6412

■ 37.9487, 40.3458,
92.1748

■ 33.0478, 34.3634,
91.2784

■ 29.1329, 29.2177,
90.4915

■ 26.1134, 24.8522,
89.8080

■ 23.8781, 21.1998,
89.2208

■ 23.1236, 19.8766,
89.0052

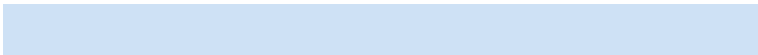
Harmonies

Analogous

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



66.3042, 73.5648, 92.8770



68.8602, 73.5648, 96.9563



71.7714, 73.5648, 96.2886

Triad

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



68.8602, 73.5648, 96.9563



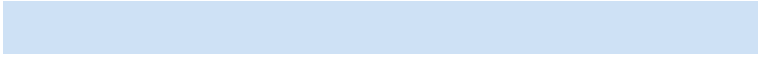
75.3663, 73.5648, 74.9605



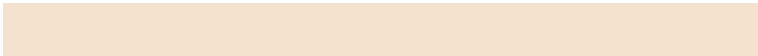
65.7631, 73.5648, 70.0127

Complementary

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



68.8602, 73.5648, 96.9563



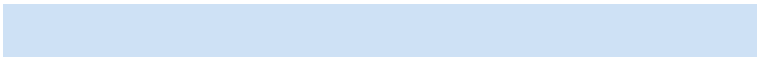
75.9936, 78.2611, 69.4945

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.



68.1029, 73.5648, 65.8351



68.8602, 73.5648, 96.9563



73.6673, 73.5648, 68.5513

Square

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



68.8602, 73.5648, 96.9563



75.5828, 73.5648, 83.1925



70.9929, 73.5648, 65.3194



64.5495, 73.5648, 77.0843

Rectangle

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



68.8602, 73.5648, 96.9563



73.5208, 73.5648, 93.2530



70.9929, 73.5648, 65.3194



66.4409, 73.5648, 68.2451

Sweetspot

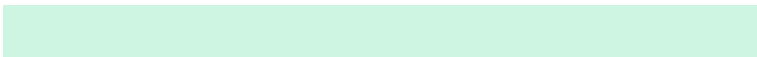
The Sweet Spot groups the original color and five complimentary colors.



68.8624, 73.5678, 96.9579



88.4636, 93.5611, 108.0043



71.7663, 83.8915, 84.0038



18.7432, 19.8374, 23.0911



0.0000, 0.0000, 0.0000



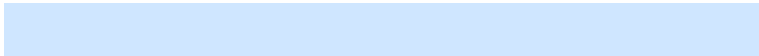
20.3446, 21.4041, 23.3091

Same Dimension

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



68.8624, 73.5678, 96.9579



71.9973, 77.1021, 105.6953



64.0077, 63.8585, 95.3397



16.2477, 17.2597, 21.0177



12.5946, 10.9830, 47.9942



1.2095, 1.1703, 4.2524

Inverse Universe

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



73.3198, 68.9929, 80.6902



77.7490, 71.3899, 84.6608



81.4504, 89.1748, 71.3135



16.8356, 16.6171, 18.8809



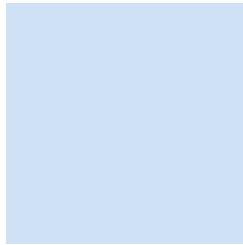
22.1617, 11.2081, 10.8258



1.9995, 1.0058, 1.2239

Previews

White Background



This preview shows how the XYZ color 68.8602, 73.5648, 96.9563 looks on a white background.

Color Contrast Check

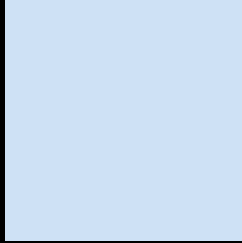
Large Text (above 18pt) WCAG AA × Fail

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 68.8602, 73.5648, 96.9563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

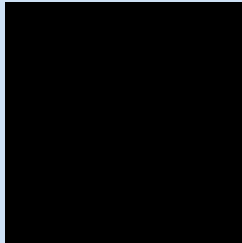
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

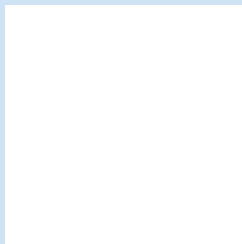
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8602, 73.5648, 96.9563

Background



This preview shows how black text looks on a background with the XYZ color 68.8602, 73.5648, 96.9563.



This preview shows how white text looks on a background with the XYZ color 68.8602, 73.5648,

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

68.5565, 73.4433, 95.3567

Trichromacy



Original Color

68.8602, 73.5648, 96.9563

Protanomaly

70.6178, 73.3125, 95.2228

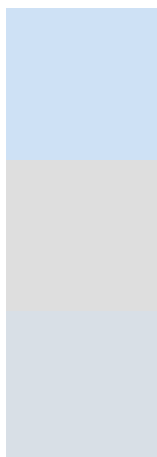
Deuteranomaly

72.3975, 73.0048, 97.4644

Tritanomaly

68.7079, 73.5039, 96.1543

Monochromacy



Original Color

68.8602, 73.5648, 96.9563

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9895, 73.0875, 85.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8602, 73.5648, 96.9563 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, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 245)  
}
```

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, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 245) }
```

Border

The CSS property to change the border of an element to XYZ 68.8602, 73.5648, 96.9563 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, 225, 245) }
```


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

```
.border{ border-color:rgb(206, 225, 245) }
```

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

Here you see how a box with a 4 pixel rgb(206, 225, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8602, 73.5648, 96.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 245) }
```

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

```
.background{ background-color: rgb(206,  
225, 245) }
```

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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