

Converting Colors

XYZ(64.8425, 69.8769, 93.3500)

Have a look what the booklet for
XYZ(64.8425, 69.8769, 93.3500)
contains.

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Color

**XYZ(65.0223, 70.0695,
93.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDF1
RGB	198, 221, 241
RGB Percent	78%, 87%, 95%
CMY	0.2235, 0.1333, 0.0549
CMYK	0.18, 0.08, 0.00, 0.05
HSL	208°, 61%, 86%
HSV	208°, 18%, 95%
XYZ	65.0223, 70.0695, 93.3168
YIQ	216.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

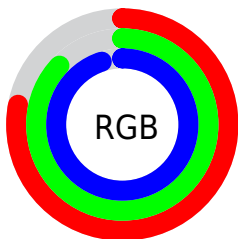
Format	Color
RYB	198, 213, 241
Decimal	13032945
CIELab	87.03, -3.53, -12.34
CIELCh	87, 12.831, 254.020
Yxy	70.0695, 0.2847, 0.3068
Android (android.graphics.Color)	4291223025 (0xFFC6DDF1)
YUV	216.4030, 12.1263, -16.1394
Hunter-Lab	83.7075, -7.8330, -7.5010

Details

The XYZ color **65.0223, 70.0695, 93.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5406, 72.9207, 63.7320**, and the grayscale version is **65.4764, 68.8862, 75.0171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8948, 36.7045, 51.1972** is the 20% darker color. If you saturate the color by 10%, you get **56.3076, 61.3313, 92.0906**, and if you desaturate by 10%, it is **74.9495, 79.7297, 94.6593**.

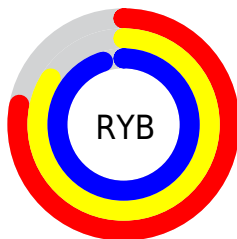
Distribution



Red (78%)

Green (87%)

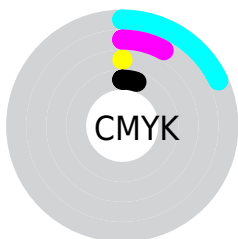
Blue (95%)



Red (78%)

Yellow (84%)

Blue (95%)

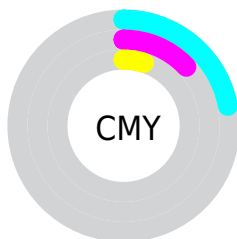


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0223, 70.0695, 93.3168 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 65.0223, 70.0695, 93.3168 by changing the saturation by 10% instead.

■ 65.0223, 70.0695,
93.3168

■ 65.0223, 70.0695,
93.3168

432.4160,
460.7940, 559.6083

■ 47.7439, 51.5832,
70.1457

111.1474,
119.3079, 153.9126

■ 33.8346, 36.6730,
51.1678

140.7249,
150.8287, 192.1745

■ 22.9288, 24.9544,
35.9645

175.1328,
187.4632, 236.3036

■ 14.6614, 16.0431,
24.1173

214.7365,
229.5957, 286.7187

■ 8.6668, 9.5546,
15.2077

259.9013,
277.6107, 343.8381

■ 4.5799, 5.1047,
8.8170

310.9926,

■ 2.0351, 2.3088,

331.8924, 408.0805

4.5268

368.3757,
392.8254, 479.8644

■ 0.6536, 0.7784,
1.9186

■ 0.0000, 0.0000,
0.5045

■ 65.0223, 70.0695,
93.3168

■ 65.0223, 70.0695,
93.3168

■ 56.3076, 61.3313,
92.0906

■ 74.9495, 79.7297,
94.6593

■ 48.7476, 53.4742,
90.9725

■ 86.1311, 90.3335,
96.1167

■ 42.2890, 46.4665,
89.9603

■ 92.7589, 98.8939,
97.4197

■ 36.8712, 40.2712,
89.0500

■ 92.8774, 99.1310,
97.4592

■ 32.4275, 34.8475,
88.2373

■ 28.8824, 30.1500,
87.5175

■ 26.1476, 26.1266,
86.8850

■ 24.1048, 22.7091,
86.3330

■ 23.7175, 22.0312,
86.2226

Harmonies

Analogous

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



62.5334, 70.0695, 88.3688



65.0223, 70.0695, 93.3168



68.0073, 70.0695, 93.4843

Triad

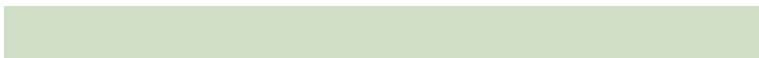
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0223, 70.0695, 93.3168



72.3582, 70.0695, 72.3583



62.6675, 70.0695, 65.0120

Complementary

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



65.0223, 70.0695, 93.3168



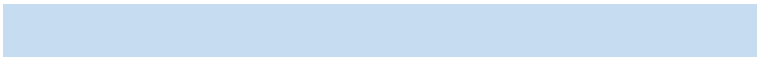
71.5406, 72.9207, 63.7320

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.



65.2102, 70.0695, 61.3514



65.0223, 70.0695, 93.3168



70.8370, 70.0695, 65.3721

Square

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



65.0223, 70.0695, 93.3168



72.3042, 70.0695, 80.9364



68.2009, 70.0695, 61.4781



61.2020, 70.0695, 71.8321

Rectangle

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



65.0223, 70.0695, 93.3168



69.8812, 70.0695, 90.8336



68.2009, 70.0695, 61.4781



63.4212, 70.0695, 63.3948

Sweetspot

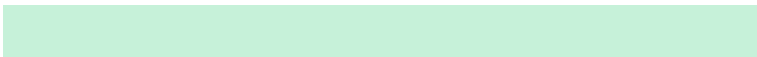
The Sweet Spot groups the original color and five complimentary colors.



65.0244, 70.0724, 93.3184



88.6513, 93.9365, 108.0669



67.3153, 79.9456, 77.7691



18.7888, 19.9286, 23.1063



0.0000, 0.0000, 0.0000



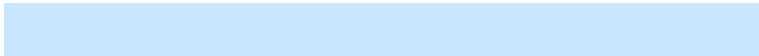
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0244, 70.0724, 93.3184



70.5822, 76.3473, 105.6242



59.8563, 59.7362, 91.5957



15.5975, 16.6292, 20.1093



12.9978, 12.2198, 46.8015



1.1808, 1.2156, 3.9266

Inverse Universe

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



69.5225, 64.3110, 77.1589



76.5282, 68.9620, 84.2114



77.2925, 84.4244, 65.6493



16.1263, 15.9002, 18.2213



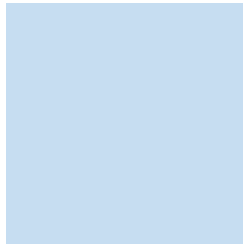
21.8863, 11.0269, 12.5838



1.8710, 0.9374, 1.3113

Previews

White Background



This preview shows how the XYZ color 65.0223, 70.0695, 93.3168 looks on a white background.

Color Contrast Check

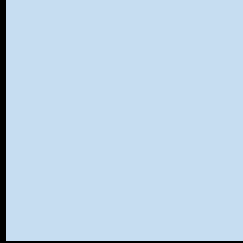
Large Text (above 18pt) WCAG AA × Fail

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 65.0223, 70.0695, 93.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

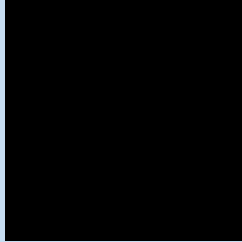
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

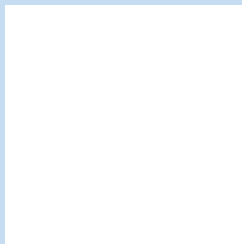
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0223, 70.0695, 93.3168

Background



This preview shows how black text looks on a background with the XYZ color 65.0223, 70.0695, 93.3168.



This preview shows how white text looks on a background with the XYZ color 65.0223, 70.0695,

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

65.0223, 70.0695, 93.3168

Protanopia

68.3074, 69.8837, 90.7776

Deuteranopia

71.3997, 69.8889, 94.5208



Tritanopia

64.7251, 69.9507, 91.7518

Trichromacy



Original Color

65.0223, 70.0695, 93.3168

Protanomaly

66.9459, 69.9301, 91.6308

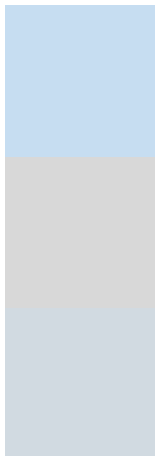
Deuteranomaly

68.6464, 69.6106, 93.8225

Tritanomaly

64.8733, 70.0099, 92.5322

Monochromacy



Original Color

65.0223, 70.0695, 93.3168

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9565, 69.1344, 81.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0223, 70.0695, 93.3168 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, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 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(198, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.0223, 70.0695, 93.3168 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, 221, 241) }
```


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

```
.border{ border-color:rgb(198, 221, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 221, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 241);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0223, 70.0695, 93.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 241) }
```

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

```
.background{ background-color: rgb(198,  
221, 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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