

Converting Colors

XYZ(66.8242, 70.5554, 95.6845)

Have a look what the booklet for
XYZ(66.8242, 70.5554, 95.6845)
contains.

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Color

**XYZ(66.8242, 70.5554,
95.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDCF4
RGB	204, 220, 244
RGB Percent	80%, 86%, 96%
CMY	0.2000, 0.1372, 0.0431
CMYK	0.16, 0.10, 0.00, 0.04
HSL	216°, 65%, 88%
HSV	216°, 16%, 96%
XYZ	66.8242, 70.5554, 95.6845
YIQ	217.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

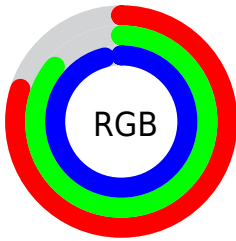
Format	Color
RYB	204, 215, 244
Decimal	13425908
CIELab	87.27, -0.52, -13.52
CIELCh	87, 13.529, 267.780
Yxy	70.5554, 0.2867, 0.3027
Android (android.graphics.Color)	4291615988 (0xFFCCDCF4)
YUV	217.9520, 12.8417, -12.2359
Hunter-Lab	83.9973, -4.9892, -8.7414

Details

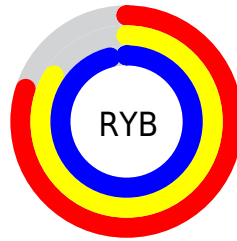
The XYZ color **66.8242, 70.5554, 95.6845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9513, 79.0796, 68.3892**, and the grayscale version is **66.5320, 69.9969, 76.2266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9267, 36.9307, 52.8645** is the 20% darker color. If you saturate the color by 10%, you get **56.9783, 60.0254, 94.1721**, and if you desaturate by 10%, it is **78.0585, 82.3042, 97.3613**.

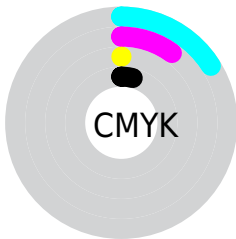
Distribution



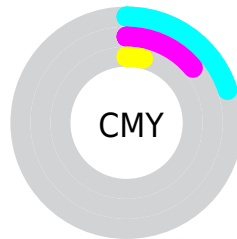
- Red (80%)
- Green (86%)
- Blue (96%)



- Red (80%)
- Yellow (84%)
- Blue (96%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8242, 70.5554, 95.6845 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 66.8242, 70.5554, 95.6845 by changing the saturation by 10% instead.

■ 66.8242, 70.5554,
95.6845

■ 66.8242, 70.5554,
95.6845

438.7611,
462.4977, 567.3942

■ 49.2119, 51.9795,
72.1048

113.7197,
120.0005, 157.2136

■ 35.0029, 36.9887,
52.7569

143.7336,
151.6383, 196.0001

■ 23.8316, 25.1987,
37.2224

178.6121,
188.3990, 240.6926

■ 15.3328, 16.2252,
25.0826

218.7206,
230.6668, 291.7097

■ 9.1411, 9.6836,
15.9190

264.4243,
278.8262, 349.4698

■ 4.8912, 5.1897,
9.3131

316.0888,

■ 2.2177, 2.3590,

333.2616, 414.3916

4.8464

374.0792,
394.3573, 486.8936

■ 0.7520, 0.8047,
2.1003

■ 0.0000, 0.0000,
0.6159

■ 66.8242, 70.5554,
95.6845

■ 66.8242, 70.5554,
95.6845

■ 56.9783, 60.0254,
94.1721

■ 78.0585, 82.3042,
97.3613

■ 48.4572, 50.6632,
92.8141

■ 90.7285, 95.3031,
99.2025

■ 41.2016, 42.4268,
91.6067

■ 93.3294, 99.3117,
99.8392

■ 35.1448, 35.2681,
90.5442

■ 30.2137, 29.1346,
89.6202

■ 26.3260, 23.9690,
88.8280

■ 23.3868, 19.7060,
88.1601

■ 21.2795, 16.2684,
87.6077

■ 20.6612, 15.1954,
87.4331

Harmonies

Analogous

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



63.8531, 70.5554, 92.6113



66.8242, 70.5554, 95.6845



69.9513, 70.5554, 93.3819

Triad

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



66.8242, 70.5554, 95.6845



72.6177, 70.5554, 68.9463



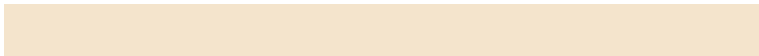
62.0195, 70.5554, 67.8589

Complementary

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



66.8242, 70.5554, 95.6845



75.9513, 79.0796, 68.3892

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.



64.2510, 70.5554, 62.3471



66.8242, 70.5554, 95.6845



70.3742, 70.5554, 62.9392

Square

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



66.8242, 70.5554, 95.6845



73.3585, 70.5554, 77.5032



67.2979, 70.5554, 60.6186



61.1342, 70.5554, 76.1465

Rectangle

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



66.8242, 70.5554, 95.6845



71.6920, 70.5554, 89.2020



67.2979, 70.5554, 60.6186



62.6335, 70.5554, 65.6455

Sweetspot

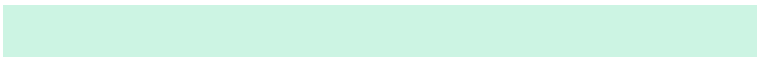
The Sweet Spot groups the original color and five complimentary colors.



66.8263, 70.5583, 95.6861



88.1220, 92.8778, 107.8904



71.1651, 83.1045, 85.2059



18.6602, 19.6714, 23.0634



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.



66.8263, 70.5583, 95.6861



69.7160, 73.5857, 105.1368



63.7489, 63.0325, 94.3957



16.1252, 17.0148, 20.9769



11.3593, 8.5123, 47.5824



1.0961, 0.9435, 4.2146

Inverse Universe

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



71.8211, 67.5879, 76.9738



76.3422, 69.8495, 80.2667



79.4130, 87.7044, 69.8715



16.7738, 16.5924, 18.5554



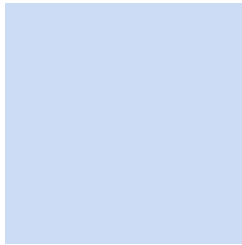
21.5382, 10.9587, 7.5423



1.9423, 0.9829, 0.9225

Previews

White Background



This preview shows how the XYZ color 66.8242, 70.5554, 95.6845 looks on a white background.

Color Contrast Check

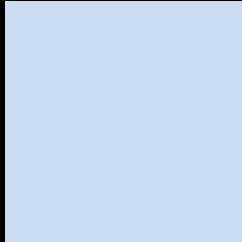
Large Text (above 18pt) WCAG AA × Fail

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 66.8242, 70.5554, 95.6845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

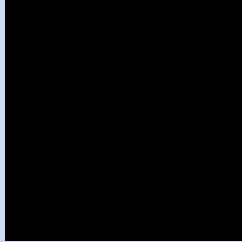
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8242, 70.5554, 95.6845

Background



This preview shows how black text looks on a background with the XYZ color 66.8242, 70.5554, 95.6845.

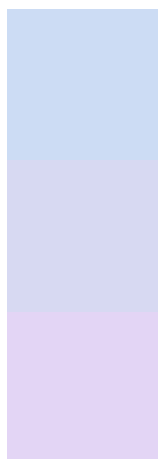


This preview shows how white text looks on a background with the XYZ color 66.8242, 70.5554,

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

66.8242, 70.5554, 95.6845

Protanopia

68.8642, 70.4836, 93.9796

Deuteranopia

71.9542, 70.5120, 96.2040



Tritanopia

65.9177, 70.5825, 91.0385

Trichromacy



Original Color

66.8242, 70.5554, 95.6845

Protanomaly

68.1130, 70.4628, 94.8047

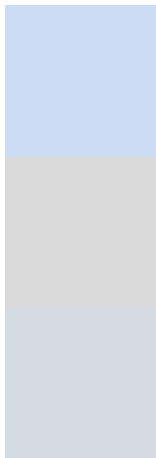
Deuteranomaly

70.2507, 70.7644, 96.3425

Tritanomaly

66.2132, 70.7007, 92.5949

Monochromacy



Original Color

66.8242, 70.5554, 95.6845

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6372, 70.3552, 82.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8242, 70.5554, 95.6845 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(204, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(204, 220, 244)  
}
```

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(204, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 220, 244) }
```

Border

The CSS property to change the border of an element to XYZ 66.8242, 70.5554, 95.6845 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(204, 220, 244) }
```


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

```
.border{ border-color:rgb(204, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(204, 220,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8242, 70.5554, 95.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 220, 244) }
```

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

```
.background{ background-color: rgb(204,  
220, 244) }
```

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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