

Converting Colors

XYZ(66.4630, 71.4441, 95.5790)

Have a look what the booklet for
XYZ(66.4630, 71.4441, 95.5790)
contains.

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Color

**XYZ(66.5362, 71.5864,
95.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DFF4
RGB	200, 223, 244
RGB Percent	78%, 87%, 96%
CMY	0.2157, 0.1255, 0.0431
CMYK	0.18, 0.09, 0.00, 0.04
HSL	209°, 67%, 87%
HSV	209°, 18%, 96%
XYZ	66.5362, 71.5864, 95.8987
YIQ	218.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

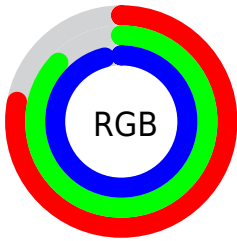
Format	Color
R _Y B	200, 215, 244
Decimal	13164532
CIE Lab	87.77, -3.32, -12.80
CIE LCh	88, 13.223, 255.452
Yxy	71.5864, 0.2843, 0.3059
Android (android.graphics.Color)	4291354612 (0xFFC8DFF4)
YUV	218.5170, 12.5631, -16.2394
Hunter-Lab	84.6087, -7.6932, -7.9754

Details

The XYZ color **66.5362, 71.5864, 95.8987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5905, 75.1159, 65.2652**, and the grayscale version is **66.9252, 70.4106, 76.6771**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9338, 37.7471, 53.0217** is the 20% darker color. If you saturate the color by 10%, you get **57.5281, 62.4836, 94.6176**, and if you desaturate by 10%, it is **76.8026, 81.6591, 97.3030**.

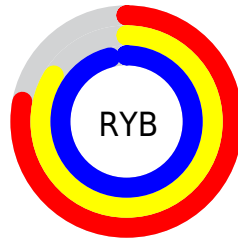
Distribution



Red (78%)

Green (87%)

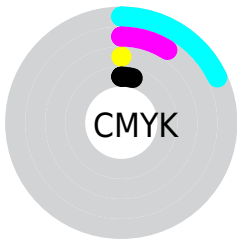
Blue (96%)



Red (78%)

Yellow (84%)

Blue (96%)

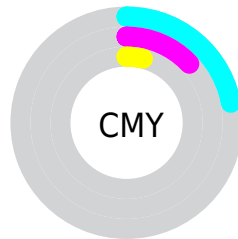


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5362, 71.5864, 95.8987 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 66.5362, 71.5864, 95.8987 by changing the saturation by 10% instead.

■ 66.5362, 71.5864,
95.8987

■ 66.5362, 71.5864,
95.8987

437.7505,
466.1007, 568.0958

■ 48.9771, 52.8209,
72.2822

113.3091,
121.4683, 157.5119

■ 34.8158, 37.6598,
52.9010

143.2535,
153.3535, 196.3456

■ 23.6869, 25.7188,
37.3365

178.0572,
190.3807, 241.0888

■ 15.2250, 16.6134,
25.1703

218.0854,
232.9343, 292.1600

■ 9.0648, 9.9592,
15.9838

263.7034,
281.3987, 349.9777

■ 4.8409, 5.3719,
9.3585

315.2768,

■ 2.1880, 2.4671,

336.1583, 414.9606

4.8757

373.1707,
397.5975, 487.5271

■ 0.7364, 0.8601,
2.1171

■ 0.0000, 0.0000,
0.6259

■ 66.5362, 71.5864,
95.8987

■ 66.5362, 71.5864,
95.8987

■ 57.5281, 62.4836,
94.6176

■ 76.8026, 81.6591,
97.3030

■ 49.7182, 54.3080,
93.4512

■ 88.3708, 92.7249,
98.8292

■ 43.0511, 47.0263,
92.3971

■ 93.3294, 99.3117,
99.8392

■ 37.4641, 40.5993,
91.4510

■ 32.8878, 34.9844,
90.6084

■ 29.2438, 30.1339,
89.8642

■ 26.4402, 25.9927,
89.2127

■ 24.3527, 22.4891,
88.6464

■ 23.9916, 21.8562,
88.5433

Harmonies

Analogous

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



63.8947, 71.5864, 90.9220



66.5362, 71.5864, 95.8987



69.6612, 71.5864, 95.8176

Triad

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



66.5362, 71.5864, 95.8987



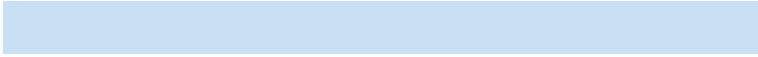
74.0243, 71.5864, 73.4309



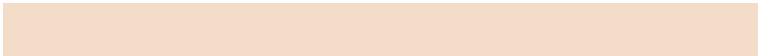
63.8302, 71.5864, 66.4397

Complementary

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



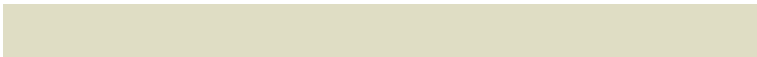
66.5362, 71.5864, 95.8987



73.5905, 75.1159, 65.2652

Split Complementary

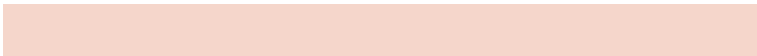
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4456, 71.5864, 62.4464



66.5362, 71.5864, 95.8987



72.3623, 71.5864, 66.2663

Square

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



66.5362, 71.5864, 95.8987



74.0504, 71.5864, 82.3675



69.5678, 71.5864, 62.3855



62.3653, 71.5864, 73.6845

Rectangle

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



66.5362, 71.5864, 95.8987



71.6012, 71.5864, 92.8880



69.5678, 71.5864, 62.3855



64.6003, 71.5864, 64.6980

Sweetspot

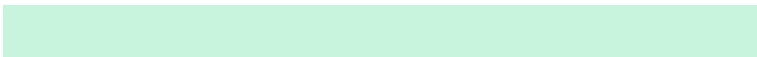
The Sweet Spot groups the original color and five complimentary colors.



66.5383, 71.5893, 95.9003



88.6034, 93.8407, 108.0509



69.1604, 82.1776, 80.2991



18.7772, 19.9053, 23.1024



0.0000, 0.0000, 0.0000



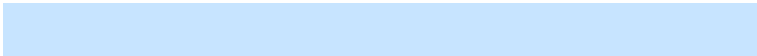
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5383, 71.5893, 95.9003



69.3830, 74.9612, 105.4198



61.1455, 60.8037, 94.1027



16.2981, 17.3604, 21.0345



13.1830, 12.1599, 48.1903



1.2616, 1.2746, 4.2698

Inverse Universe

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



71.2835, 65.8709, 78.7728



75.6758, 67.6750, 82.6395



79.6459, 87.2267, 67.2836



16.8610, 16.6273, 19.0147



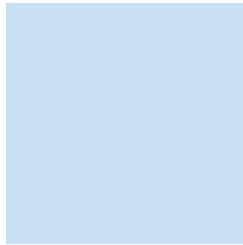
22.4587, 11.3269, 12.3898



2.0258, 1.0163, 1.3625

Previews

White Background



This preview shows how the XYZ color 66.5362, 71.5864, 95.8987 looks on a white background.

Color Contrast Check

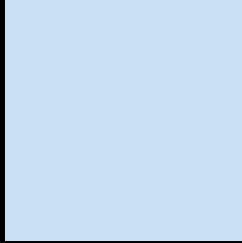
Large Text (above 18pt) WCAG AA × Fail

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 66.5362, 71.5864, 95.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

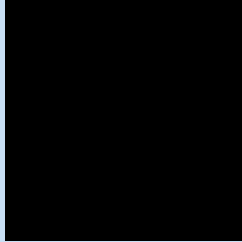
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

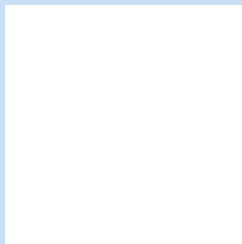
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5362, 71.5864, 95.8987

Background



This preview shows how black text looks on a background with the XYZ color 66.5362, 71.5864, 95.8987.



This preview shows how white text looks on a background with the XYZ color 66.5362, 71.5864,

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

66.5362, 71.5864, 95.8987

Protanopia

69.5639, 71.2454, 93.3044

Deuteranopia

72.9942, 71.4050, 97.1241



Tritanopia

65.8180, 71.2683, 93.5063

Trichromacy



Original Color

66.5362, 71.5864, 95.8987

Protanomaly

68.4842, 71.4461, 94.1854

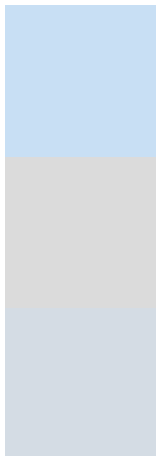
Deuteranomaly

70.2077, 71.1237, 96.4141

Tritanomaly

65.9679, 71.3283, 94.2953

Monochromacy



Original Color

66.5362, 71.5864, 95.8987

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7482, 70.7849, 83.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5362, 71.5864, 95.8987 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(200, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 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(200, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 244) }
```

Border

The CSS property to change the border of an element to XYZ 66.5362, 71.5864, 95.8987 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(200, 223, 244) }
```


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

```
.border{ border-color:rgb(200, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5362, 71.5864, 95.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 244) }
```

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

```
.background{ background-color: rgb(200,  
223, 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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