

Converting Colors

XYZ(66.5787, 67.3112,
104.0910)

Have a look what the booklet for
XYZ(66.5787, 67.3112, 104.0910)
contains.

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Color

**XYZ(66.4953, 67.1443,
104.0632)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD4FF
RGB	204, 212, 255
RGB Percent	80%, 83%, 100%
CMY	0.2000, 0.1686, 0.0000
CMYK	0.20, 0.17, 0.00, 0.00
HSL	231°, 100%, 90%
HSV	231°, 20%, 100%
XYZ	66.4953, 67.1443, 104.0632
YIQ	214.5100, -18.5710, 11.6770

Conversions

Conversions Part 2

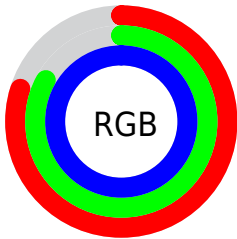
Format	Color
R_{YB}	204, 211, 255
Decimal	13423871
CIE Lab	85.58, 6.04, -21.87
CIE LCh	86, 22.690, 285.431
Yxy	67.1443, 0.2797, 0.2825
Android (android.graphics.Color)	4291613951 (0xFFCCD4FF)
YUV	214.5100, 19.9616, -9.2173
Hunter-Lab	81.9416, 1.4542, -17.9372

Details

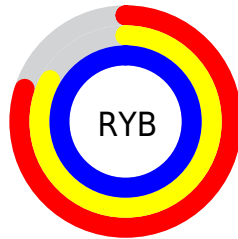
The XYZ color **66.4953, 67.1443, 104.0632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3996, 92.1402, 70.4122**, and the grayscale version is **64.1403, 67.4806, 73.4863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8143, 34.9205, 58.3315** is the 20% darker color. If you saturate the color by 10%, you get **55.0488, 53.7909, 102.0890**, and if you desaturate by 10%, it is **79.8054, 82.5241, 106.3303**.

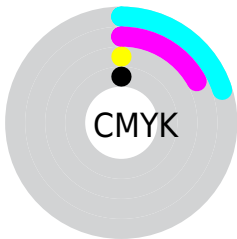
Distribution



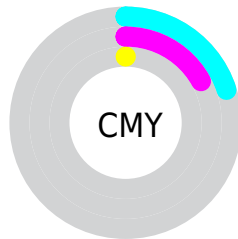
- Red (80%)
- Green (83%)
- Blue (100%)



- Red (80%)
- Yellow (83%)
- Blue (100%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4953, 67.1443, 104.0632 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 66.4953, 67.1443, 104.0632 by changing the saturation by 10% instead.

■ 66.4953, 67.1443,
104.0632

■ 66.4953, 67.1443,
104.0632

437.6069,
450.4582, 594.5002

■ 48.9438, 49.2019,
79.0625

113.2507,
115.1272, 168.8302

■ 34.7892, 34.7797,
58.4256

143.1853,
145.9364, 209.4336

■ 23.6663, 23.4932,
41.7339

177.9783,
181.8034, 256.0750

■ 15.2097, 14.9581,
28.5690

217.9951,
223.1125, 309.1728

■ 9.0539, 8.7900,
18.5122

263.6010,
270.2482, 369.1457

■ 4.8338, 4.6045,
11.1451

315.1614,

■ 2.1838, 2.0171,

323.5947, 436.4122

6.0491

373.0416,
383.5366, 511.3909

■ 0.7342, 0.6174,
2.8057

■ 0.0000, 0.0000,
0.9963

■ 66.4953, 67.1443,
104.0632

■ 66.4953, 67.1443,
104.0632

■ 55.0488, 53.7909,
102.0890

■ 79.8054, 82.5241,
106.3303

■ 45.3766, 42.3710,
100.3946

95.0500, 100.0000,
108.9000

■ 37.3903, 32.7964,
98.9674

■ 30.9918, 24.9689,
97.7938

■ 26.0724, 18.7808,
96.8586

■ 22.5095, 14.1121,
96.1453

■ 20.1596, 10.8255,
95.6348

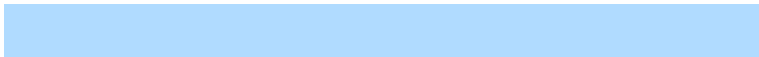
■ 18.8093, 8.7385,
95.3031

■ 18.8092, 8.7383,
95.3031

Harmonies

Analogous

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



61.3553, 67.1443, 104.2034



66.4953, 67.1443, 104.0632



71.1513, 67.1443, 94.9177

Triad

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



66.4953, 67.1443, 104.0632



71.0378, 67.1443, 54.6761



54.6893, 67.1443, 66.1915

Complementary

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



66.4953, 67.1443, 104.0632



85.3996, 92.1402, 70.4122

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.



57.0079, 67.1443, 54.9258



66.4953, 67.1443, 104.0632



66.3471, 67.1443, 48.9111

Square

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



66.4953, 67.1443, 104.0632



73.8686, 67.1443, 65.8054



61.2148, 67.1443, 48.9959



54.7242, 67.1443, 80.9334

Rectangle

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



66.4953, 67.1443, 104.0632



73.2743, 67.1443, 85.5713



61.2148, 67.1443, 48.9959



55.2136, 67.1443, 61.9191

Sweetspot

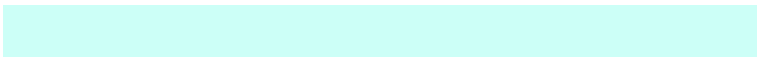
The Sweet Spot groups the original color and five complimentary colors.



66.4972, 67.1470, 104.0636



85.6655, 89.2570, 107.3210



77.3741, 91.0424, 101.0869



18.1265, 18.8643, 22.9358



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.



66.4972, 67.1470, 104.0636



61.6980, 61.5652, 103.2392



69.4629, 65.7795, 103.6434



17.2331, 17.8378, 22.7847



9.8960, 4.7016, 49.8205



1.0269, 0.5845, 4.8720

Inverse Universe

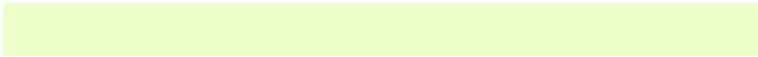
The Inverse Universe completely reimagines the original color for something new.



74.7177, 69.2007, 71.7093



71.3149, 64.0856, 65.3629



81.9196, 94.0571, 70.9657



18.1256, 18.0335, 19.2783



21.7832, 11.2026, 2.2431



2.1529, 1.1035, 0.3868

Previews

White Background



This preview shows how the XYZ color 66.4953, 67.1443, 104.0632 looks on a white background.

Color Contrast Check

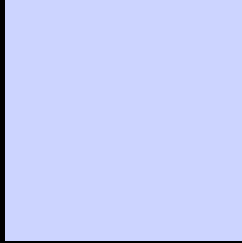
Large Text (above 18pt) WCAG AA × Fail

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 66.4953, 67.1443, 104.0632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

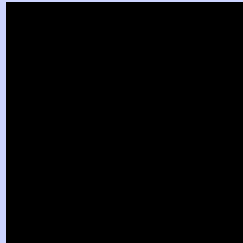
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4953, 67.1443, 104.0632

Background



This preview shows how black text looks on a background with the XYZ color 66.4953, 67.1443, 104.0632.



This preview shows how white text looks on a background with the XYZ color 66.4953, 67.1443,

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

66.4953, 67.1443, 104.0632

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

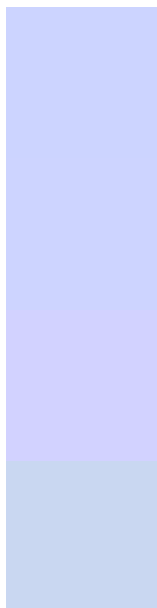
68.5820, 67.1171, 103.9480



Tritanopia

63.0833, 67.2743, 86.7512

Trichromacy



Original Color

66.4953, 67.1443, 104.0632

Protanomaly

66.7703, 67.2861, 104.0761

Deuteranomaly

67.6749, 67.0148, 103.9760

Tritanomaly

64.2650, 67.3693, 92.8355

Monochromacy



Original Color

66.4953, 67.1443, 104.0632

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1935, 67.6552, 84.4856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4953, 67.1443, 104.0632 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 255)  
}
```

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, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.4953, 67.1443, 104.0632 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, 212, 255) }
```


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

```
.border{ border-color:rgb(204, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4953, 67.1443, 104.0632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 255) }
```

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

```
.background{ background-color: rgb(204,  
212, 255) }
```

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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