

Converting Colors

XYZ(65.4519, 67.6874,
104.2979)

Have a look what the booklet for
XYZ(65.4519, 67.6874, 104.2979)
contains.

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Color

**XYZ(65.3764, 67.6912,
104.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D7FF
RGB	197, 215, 255
RGB Percent	77%, 84%, 100%
CMY	0.2274, 0.1568, 0.0000
CMYK	0.23, 0.16, 0.00, 0.00
HSL	221°, 100%, 89%
HSV	221°, 23%, 100%
XYZ	65.3764, 67.6912, 104.2277
YIQ	214.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

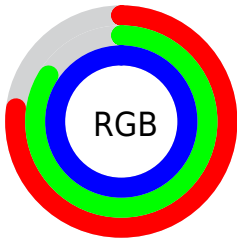
Format	Color
R_{YB}	197, 211, 255
Decimal	12965887
CIE _{Lab}	85.85, 2.35, -21.50
CIE _{LCh}	86, 21.629, 276.233
Yxy	67.6912, 0.2755, 0.2853
Android (android.graphics.Color)	4291155967 (0xFFC5D7FF)
YUV	214.1780, 20.1252, -15.0651
Hunter-Lab	82.2747, -2.1425, -17.5179

Details

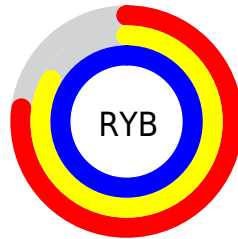
The XYZ color **65.3764, 67.6912, 104.2277** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6021, 85.8589, 65.0966**, and the grayscale version is **63.9181, 67.2468, 73.2318**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **33.9192, 34.9696, 58.3882** is the 20% darker color. If you saturate the color by 10%, you get **55.0160, 56.0577, 102.5283**, and if you desaturate by 10%, it is **77.3514, 80.8749, 106.1413**.

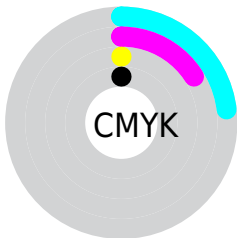
Distribution



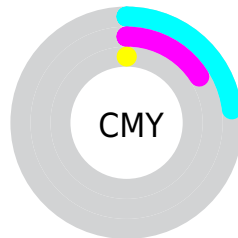
- Red (77%)
- Green (84%)
- Blue (100%)



- Red (77%)
- Yellow (83%)
- Blue (100%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3764, 67.6912, 104.2277 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 65.3764, 67.6912, 104.2277 by changing the saturation by 10% instead.

■ 65.3764, 67.6912,
104.2277

■ 65.3764, 67.6912,
104.2277

433.6672,
452.4011, 595.0257

■ 48.0322, 49.6466,
79.1994

111.6535,
115.9103, 169.0573

■ 34.0637, 35.1326,
58.5375

141.3172,
146.8535, 209.6958

■ 23.1057, 23.7651,
41.8234

175.8180,
182.8650, 256.3748

■ 14.7927, 15.1594,
28.6385

215.5213,
224.3292, 309.5127

■ 8.7594, 8.9314,
18.5643

260.7926,
271.6306, 369.5283

■ 4.6404, 4.6964,
11.1823

311.9971,

■ 2.0704, 2.0703,

325.1534, 436.8399

6.0738

369.5002,
385.2821, 511.8663

■ 0.6731, 0.6478,
2.8205

■ 0.0000, 0.0000,
1.0037

■ 65.3764, 67.6912,
104.2277

■ 65.3764, 67.6912,
104.2277

■ 55.0160, 56.0577,
102.5283

■ 77.3514, 80.8749,
106.1413

■ 46.1924, 45.9068,
101.0340

■ 91.0024, 95.6569,
108.2750

■ 38.8299, 37.1776,
99.7372

95.0500, 100.0000,
108.9000

■ 32.8437, 29.8013,
98.6289

■ 28.1396, 23.7028,
97.6997

■ 24.6103, 18.7984,
96.9391

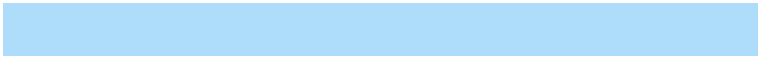
■ 22.1282, 14.9919,
96.3352

■ 20.8567, 12.8334,
95.9856

Harmonies

Analogous

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



60.5815, 67.6912, 101.5439



65.3764, 67.6912, 104.2277



70.1244, 67.6912, 97.9268

Triad

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



65.3764, 67.6912, 104.2277



72.3178, 67.6912, 58.7504



56.0220, 67.6912, 63.2640

Complementary

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



65.3764, 67.6912, 104.2277



81.6021, 85.8589, 65.0966

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.



58.8798, 67.6912, 53.8467



65.3764, 67.6912, 104.2277



68.2476, 67.6912, 51.4837

Square

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



65.3764, 67.6912, 104.2277



74.2622, 67.6912, 70.7868



63.3116, 67.6912, 49.8105



55.3407, 67.6912, 76.7007

Rectangle

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



65.3764, 67.6912, 104.2277



72.5719, 67.6912, 89.9015



63.3116, 67.6912, 49.8105



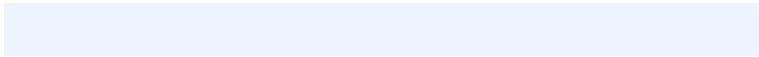
56.7526, 67.6912, 59.5795

Sweetspot

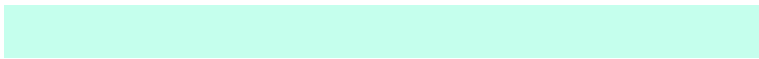
The Sweet Spot groups the original color and five complimentary colors.



65.3783, 67.6939, 104.2282



84.9832, 89.1664, 107.3395



74.0194, 89.4838, 93.2118



18.0126, 18.8934, 22.9474



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.



65.3783, 67.6939, 104.2282



60.7752, 62.5560, 103.4791



63.9270, 60.5110, 102.9182



17.4629, 18.2974, 22.8613



11.0141, 6.9378, 50.1932



1.1647, 0.8602, 4.9179

Inverse Universe

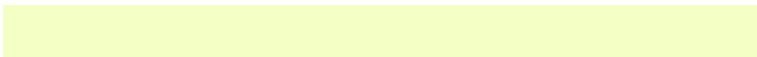
The Inverse Universe completely reimagines the original color for something new.



73.4732, 66.1004, 73.1792



70.1567, 60.9715, 67.4364



83.2742, 94.8502, 66.7440



18.2415, 18.0799, 19.8891



22.3476, 11.4283, 5.2150



2.2225, 1.1314, 0.7532

Previews

White Background



This preview shows how the XYZ color 65.3764, 67.6912, 104.2277 looks on a white background.

Color Contrast Check

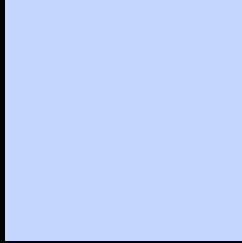
Large Text (above 18pt) WCAG AA × Fail

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 65.3764, 67.6912, 104.2277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

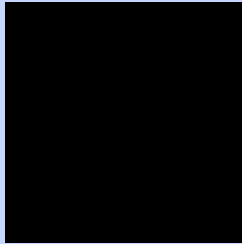
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3764, 67.6912, 104.2277

Background



This preview shows how black text looks on a background with the XYZ color 65.3764, 67.6912, 104.2277.



This preview shows how white text looks on a background with the XYZ color 65.3764, 67.6912,

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

65.3764, 67.6912, 104.2277

Protanopia

66.9775, 67.8022, 102.4855

Deuteranopia

69.1209, 67.7603, 104.0437



Tritanopia

62.2040, 67.5364, 89.1142

Trichromacy



Original Color

65.3764, 67.6912, 104.2277

Protanomaly

66.5646, 67.9454, 103.3724

Deuteranomaly

67.6059, 67.7169, 104.1152

Tritanomaly

63.2387, 67.5661, 94.5025

Monochromacy



Original Color

65.3764, 67.6912, 104.2277

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2018, 67.1602, 83.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3764, 67.6912, 104.2277 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(197, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 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(197, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3764, 67.6912, 104.2277 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(197, 215, 255) }
```


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

```
.border{ border-color:rgb(197, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3764, 67.6912, 104.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 255) }
```

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

```
.background{ background-color: rgb(197,  
215, 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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