

Converting Colors

XYZ(65.0737, 70.3994, 95.4101)

Have a look what the booklet for
XYZ(65.0737, 70.3994, 95.4101)
contains.

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Color

**XYZ(65.2154, 70.5100,
95.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DEF4
RGB	196, 222, 244
RGB Percent	77%, 87%, 96%
CMY	0.2314, 0.1294, 0.0431
CMYK	0.20, 0.09, 0.00, 0.04
HSL	207°, 69%, 86%
HSV	207°, 20%, 96%
XYZ	65.2154, 70.5100, 95.7605
YIQ	216.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

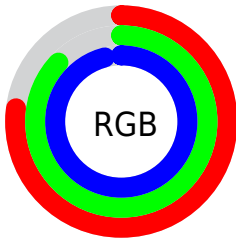
Format	Color
R _Y B	196, 213, 244
Decimal	12902132
CIE Lab	87.25, -4.03, -13.61
CIE LCh	87, 14.191, 253.521
Yxy	70.5100, 0.2817, 0.3046
Android (android.graphics.Color)	4291092212 (0xFFC4DEF4)
YUV	216.7340, 13.4421, -18.1837
Hunter-Lab	83.9702, -8.3161, -8.8358

Details

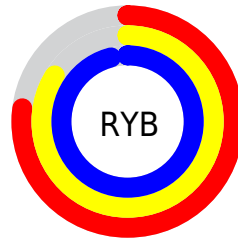
The XYZ color **65.2154, 70.5100, 95.7605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3441, 73.3616, 62.5734**, and the grayscale version is **65.6950, 69.1162, 75.2676**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **34.0511, 37.0191, 52.9277** is the 20% darker color. If you saturate the color by 10%, you get **56.5057, 61.7579, 94.5314**, and if you desaturate by 10%, it is **75.1584, 80.1939, 97.1068**.

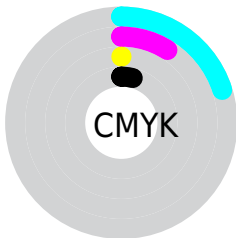
Distribution



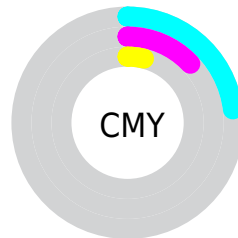
- Red (77%)
- Green (87%)
- Blue (96%)



- Red (77%)
- Yellow (84%)
- Blue (96%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2154, 70.5100, 95.7605 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 65.2154, 70.5100, 95.7605 by changing the saturation by 10% instead.

■ 65.2154, 70.5100,
95.7605

■ 65.2154, 70.5100,
95.7605

433.0986,
462.3387, 567.6432

■ 47.9011, 51.9424,
72.1677

111.4235,
119.9358, 157.3195

■ 33.9595, 36.9592,
52.8080

141.0480,
151.5627, 196.1227

■ 23.0252, 25.1759,
37.2629

175.5065,
188.3116, 240.8332

■ 14.7329, 16.2081,
25.1137

215.1646,
230.5668, 291.8695

■ 8.7173, 9.6716,
15.9420

260.3875,
278.7127, 349.6501

■ 4.6129, 5.1817,
9.3292

311.5405,

■ 2.0544, 2.3543,

333.1338, 414.5935

4.8568

368.9891,
394.2143, 487.1184

■ 0.6642, 0.8022,
2.1062

■ 0.0000, 0.0000,
0.6195

■ 65.2154, 70.5100,
95.7605

■ 65.2154, 70.5100,
95.7605

■ 56.5057, 61.7579,
94.5314

■ 75.1584, 80.1939,
97.1068

■ 48.9694, 53.8957,
93.4110

■ 86.3786, 90.8323,
98.5688

■ 42.5508, 46.8908,
92.3972

■ 93.3293, 99.3117,
99.8392

■ 37.1866, 40.7044,
91.4859

■ 32.8069, 35.2944,
90.6725

■ 29.3319, 30.6133,
89.9521

■ 26.6677, 26.6059,
89.3190

■ 24.6652, 23.1885,
88.7649

■ 24.6051, 23.0833,
88.7478

Harmonies

Analogous

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



62.4754, 70.5100, 90.1239



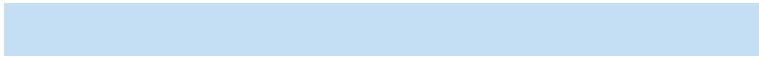
65.2154, 70.5100, 95.7605



68.5278, 70.5100, 96.0451

Triad

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



65.2154, 70.5100, 95.7605



73.4464, 70.5100, 72.5601



62.6990, 70.5100, 64.2141

Complementary

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



65.2154, 70.5100, 95.7605



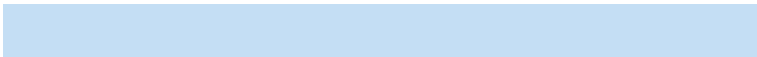
72.3441, 73.3616, 62.5734

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.



65.5299, 70.5100, 60.2692



65.2154, 70.5100, 95.7605



71.7749, 70.5100, 64.8111

Square

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



65.2154, 70.5100, 95.7605



73.3553, 70.5100, 82.1005



68.8528, 70.5100, 60.4782



61.0559, 70.5100, 71.6818

Rectangle

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



65.2154, 70.5100, 95.7605



70.6208, 70.5100, 93.1207



68.8528, 70.5100, 60.4782



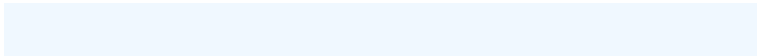
63.5391, 70.5100, 62.4608

Sweetspot

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



65.2175, 70.5129, 95.7621



87.4472, 92.8204, 107.9149



67.7196, 81.4795, 78.2149



18.5469, 19.7051, 23.0759



0.0000, 0.0000, 0.0000



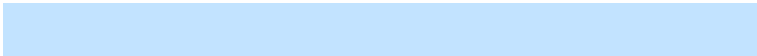
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2175, 70.5129, 95.7621



67.7032, 73.5755, 105.2409



59.3813, 58.8404, 93.8167



16.3250, 17.4142, 21.0434



13.5172, 12.8281, 48.3017



1.2908, 1.3329, 4.2795

Inverse Universe

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



70.2347, 63.9886, 77.7598



74.3460, 65.2981, 81.3246



78.9065, 86.4863, 64.7609



16.8746, 16.6327, 19.0862



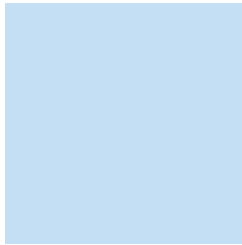
22.6274, 11.3944, 13.2780



2.0406, 1.0222, 1.4401

Previews

White Background



This preview shows how the XYZ color 65.2154, 70.5100, 95.7605 looks on a white background.

Color Contrast Check

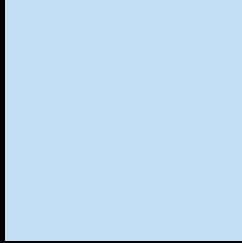
Large Text (above 18pt) WCAG AA × Fail

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 65.2154, 70.5100, 95.7605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

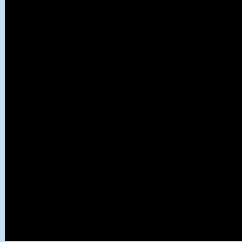
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

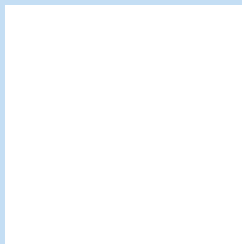
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2154, 70.5100, 95.7605

Background



This preview shows how black text looks on a background with the XYZ color 65.2154, 70.5100, 95.7605.



This preview shows how white text looks on a background with the XYZ color 65.2154, 70.5100,

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

65.2154, 70.5100, 95.7605

Protanopia

69.0089, 70.5755, 93.2044

Deuteranopia

71.7928, 70.4111, 96.9956



Tritanopia

64.6215, 70.6687, 92.6726

Trichromacy



Original Color

65.2154, 70.5100, 95.7605

Protanomaly

67.6530, 70.6292, 94.0715

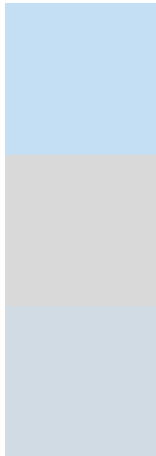
Deuteranomaly

69.0616, 70.1514, 96.2868

Tritanomaly

64.7705, 70.7283, 93.4572

Monochromacy



Original Color

65.2154, 70.5100, 95.7605

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4911, 69.7644, 82.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2154, 70.5100, 95.7605 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(196, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 222, 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(196, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 222, 244) }
```

Border

The CSS property to change the border of an element to XYZ 65.2154, 70.5100, 95.7605 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(196, 222, 244) }
```


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

```
.border{ border-color:rgb(196, 222, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 222, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(196, 222,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2154, 70.5100, 95.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 222, 244) }
```

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

```
.background{ background-color: rgb(196,  
222, 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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