

Converting Colors

XYZ(64.6192, 65.7919, 95.1274)

Have a look what the booklet for
XYZ(64.6192, 65.7919, 95.1274)
contains.

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Color

**XYZ(64.5526, 65.6040,
94.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD2F4
RGB	205, 210, 244
RGB Percent	80%, 82%, 96%
CMY	0.1961, 0.1765, 0.0431
CMYK	0.16, 0.14, 0.00, 0.04
HSL	232°, 64%, 88%
HSV	232°, 16%, 96%
XYZ	64.5526, 65.6040, 94.8485
YIQ	212.3810, -13.8940, 9.5140

Conversions

Conversions Part 2

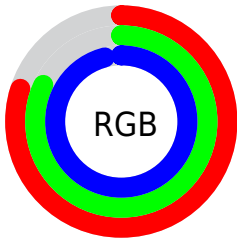
Format	Color
R _Y B	205, 209, 244
Decimal	13488884
CIE Lab	84.79, 5.05, -17.23
CIE LCh	85, 17.950, 286.327
Yxy	65.6040, 0.2869, 0.2916
Android (android.graphics.Color)	4291678964 (0xFFCDD2F4)
YUV	212.3810, 15.5882, -6.4731
Hunter-Lab	80.9963, 0.5178, -12.7325

Details

The XYZ color **64.5526, 65.6040, 94.8485** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1947, 85.3737, 70.0640**, and the grayscale version is **62.7405, 66.0079, 71.8826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5432, 33.8918, 52.3508** is the 20% darker color. If you saturate the color by 10%, you get **53.4327, 52.5884, 92.9234**, and if you desaturate by 10%, it is **77.4240, 80.5620, 97.0583**.

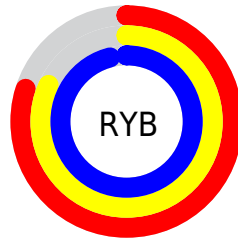
Distribution



Red (80%)

Green (82%)

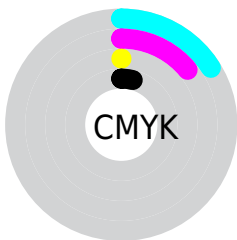
Blue (96%)



Red (80%)

Yellow (82%)

Blue (96%)

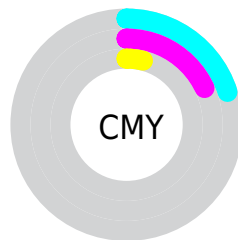


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5526, 65.6040, 94.8485 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 64.5526, 65.6040, 94.8485 by changing the saturation by 10% instead.

■ 64.5526, 65.6040,
94.8485

■ 64.5526, 65.6040,
94.8485

430.7531,
444.9593, 564.6518

■ 47.3617, 47.9510,
71.4127

110.4757,
112.9178, 156.0491

■ 33.5309, 33.7881,
52.1952

139.9386,
143.3474, 194.6509

■ 22.6946, 22.7309,
36.7773

174.2230,
178.8046, 239.1452

■ 14.4876, 14.3949,
24.7407

213.6941,
219.6739, 289.9504

■ 8.5446, 8.3958,
15.6667

258.7173,
266.3396, 347.4851

■ 4.5000, 4.3493,
9.1368

309.6579,

■ 1.9887, 1.8708,

319.1861, 412.1679

4.7325

366.8814,
378.5979, 484.4173

■ 0.6276, 0.5307,
2.0352

■ 0.0000, 0.0000,
0.5768

■ 64.5526, 65.6040,
94.8485

■ 64.5526, 65.6040,
94.8485

■ 53.4327, 52.5884,
92.9234

■ 77.4240, 80.5620,
97.0583

■ 43.9826, 41.4275,
91.2672

■ 92.1122, 97.5293,
99.5592

■ 36.1228, 32.0387,
89.8692

■ 93.3293, 99.3117,
99.8391

■ 29.7650, 24.3302,
88.7164

■ 24.8122, 18.2016,
87.7945

■ 21.1556, 13.5418,
87.0878

■ 18.6704, 10.2246,
86.5785

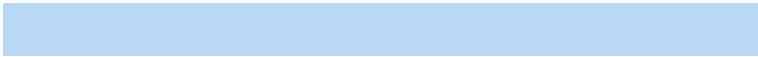
■ 17.2055, 8.1019,
86.2460

■ 16.8271, 7.5273,
86.1550

Harmonies

Analogous

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



60.5455, 65.6040, 95.1693



64.5526, 65.6040, 94.8485



68.1134, 65.6040, 87.8325

Triad

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



64.5526, 65.6040, 94.8485



67.8453, 65.6040, 56.5883



55.1424, 65.6040, 66.3261

Complementary

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



64.5526, 65.6040, 94.8485



79.1947, 85.3737, 70.0640

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.



56.9300, 65.6040, 57.2111



64.5526, 65.6040, 94.8485



64.1995, 65.6040, 52.0108

Square

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



64.5526, 65.6040, 94.8485



70.0696, 65.6040, 65.3883



60.2071, 65.6040, 52.2258



55.2278, 65.6040, 77.8363

Rectangle

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



64.5526, 65.6040, 94.8485



69.7041, 65.6040, 80.6927



60.2071, 65.6040, 52.2258



55.5408, 65.6040, 62.9077

Sweetspot

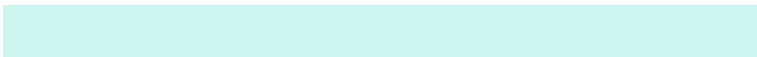
The Sweet Spot groups the original color and five complimentary colors.



64.5546, 65.6067, 94.8500



87.0700, 90.7739, 107.5398



73.0793, 83.9019, 93.8507



18.4053, 19.1615, 22.9784



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.



64.5546, 65.6067, 94.8500



67.3916, 67.8907, 104.1600



67.4656, 65.3025, 94.6378



15.7524, 16.2692, 20.8526



9.2030, 4.1997, 46.8636



0.8620, 0.4755, 4.1366

Inverse Universe

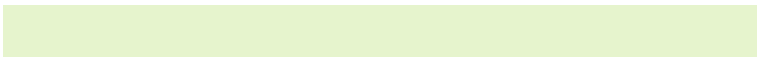
The Inverse Universe completely reimagines the original color for something new.



70.7740, 67.5505, 70.2842



75.4243, 70.4600, 72.4190



75.9083, 85.8837, 70.3356



16.5856, 16.5171, 17.5645



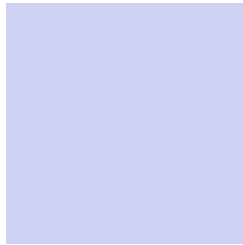
20.4498, 10.5233, 1.8108



1.8242, 0.9356, 0.3005

Previews

White Background



This preview shows how the XYZ color 64.5526, 65.6040, 94.8485 looks on a white background.

Color Contrast Check

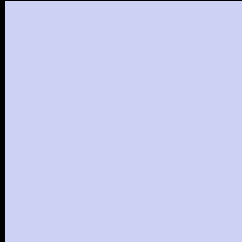
Large Text (above 18pt) WCAG AA × Fail

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 64.5526, 65.6040, 94.8485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

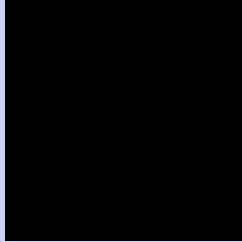
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5526, 65.6040, 94.8485

Background



This preview shows how black text looks on a background with the XYZ color 64.5526, 65.6040, 94.8485.

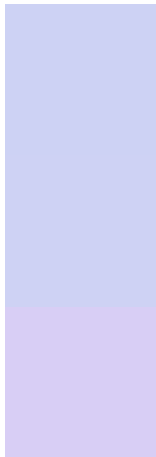


This preview shows how white text looks on a background with the XYZ color 64.5526, 65.6040,

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

64.5526, 65.6040, 94.8485

Protanopia

64.8293, 65.7467, 94.8615

Deuteranopia

66.8716, 65.3341, 95.4724



Tritanopia

62.0435, 65.3007, 83.4630

Trichromacy



Original Color

64.5526, 65.6040, 94.8485

Protanomaly

64.8293, 65.7467, 94.8615

Deuteranomaly

65.9456, 65.2153, 95.4983

Tritanomaly

62.7742, 65.2256, 87.1231

Monochromacy



Original Color

64.5526, 65.6040, 94.8485

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0433, 65.5257, 79.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5526, 65.6040, 94.8485 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(205, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 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(205, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 244) }
```

Border

The CSS property to change the border of an element to XYZ 64.5526, 65.6040, 94.8485 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(205, 210, 244) }
```


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

```
.border{ border-color:rgb(205, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5526, 65.6040, 94.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 244) }
```

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

```
.background{ background-color: rgb(205,  
210, 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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