

Converting Colors

XYZ(65.8059, 64.0744, 95.2855)

Have a look what the booklet for
XYZ(65.8059, 64.0744, 95.2855)
contains.

XYZ(65.8059, 64.0744, 95.2855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.8059, 64.0744,
95.2855)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CCF5
RGB	214, 204, 245
RGB Percent	84%, 80%, 96%
CMY	0.1608, 0.2000, 0.0392
CMYK	0.13, 0.17, 0.00, 0.04
HSL	255°, 67%, 88%
HSV	255°, 17%, 96%
XYZ	65.8059, 64.0744, 95.2855
YIQ	211.6640, -7.2010, 14.8710

Conversions

Conversions Part 2

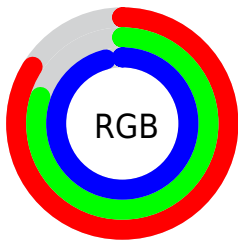
Format	Color
R_{YB}	214, 204, 245
Decimal	14077173
CIE _{Lab}	84.00, 11.28, -18.88
CIE _{LCh}	84, 21.991, 300.846
Yxy	64.0744, 0.2923, 0.2846
Android (android.graphics.Color)	4292267253 (0xFFD6CCF5)
YUV	211.6640, 16.4346, 2.0487
Hunter-Lab	80.0465, 6.6628, -14.5449

Details

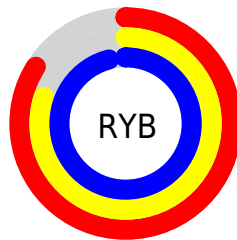
The XYZ color **65.8059, 64.0744, 95.2855** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8145, 87.3282, 69.8844**, and the grayscale version is **62.2558, 65.4980, 71.3273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3897, 32.8577, 52.6738** is the 20% darker color. If you saturate the color by 10%, you get **55.3322, 50.7012, 93.2572**, and if you desaturate by 10%, it is **77.8144, 79.6018, 97.6507**.

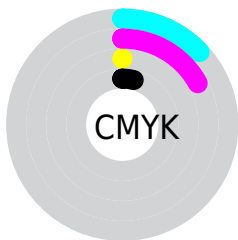
Distribution



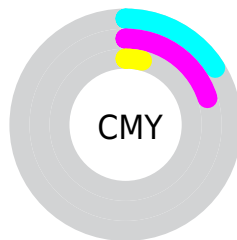
- Red (84%)
- Green (80%)
- Blue (96%)



- Red (84%)
- Yellow (80%)
- Blue (96%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8059, 64.0744, 95.2855 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 65.8059, 64.0744, 95.2855 by changing the saturation by 10% instead.

65.8059, 64.0744,
95.2855

65.8059, 64.0744,
95.2855

435.1820,
439.4583, 566.0862

48.3820, 46.7109,
71.7744

112.2670,
110.7181, 156.6579

34.3420, 32.8072,
52.4887

142.0348,
140.7671, 195.3564

23.3206, 21.9788,
37.0098

176.6481,
175.8134, 239.9544

14.9524, 13.8413,
24.9193

216.4720,
216.2414, 290.8704

8.8721, 8.0104,
15.7984

261.8720,
262.4355, 348.5231

4.7143, 4.1016,
9.2288

313.2134,

2.1136, 1.7306,

314.7801, 413.3309

4.7919

370.8616,
373.6595, 485.7125

■ 0.6966, 0.4433,
2.0691

■ 0.0000, 0.0000,
0.5973

■ 65.8059, 64.0744,
95.2855

■ 65.8059, 64.0744,
95.2855

■ 55.3322, 50.7012,
93.2572

■ 77.8144, 79.6018,
97.6507

■ 46.3242, 39.3782,
91.5465

■ 91.4112, 97.3653,
100.3628

■ 38.7161, 30.0048,
90.1382

■ 93.4816, 99.3727,
100.6411

■ 32.4347, 22.4684,
89.0146

■ 27.3996, 16.6449,
88.1559

■ 23.5214, 12.3940,
87.5398

■ 20.6972, 9.5529,
87.1403

■ 18.8018, 7.9177,
86.9246

■ 18.3300, 7.5455,
86.8776

Harmonies

Analogous

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



61.0385, 64.0744, 100.0058



65.8059, 64.0744, 95.2855



69.4088, 64.0744, 83.5953

Triad

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



65.8059, 64.0744, 95.2855



65.5553, 64.0744, 48.9541



52.0483, 64.0744, 70.1608

Complementary

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



65.8059, 64.0744, 95.2855



77.8145, 87.3282, 69.8844

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.



53.1181, 64.0744, 57.5530



65.8059, 64.0744, 95.2855



60.7633, 64.0744, 46.3341

Square

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



65.8059, 64.0744, 95.2855



69.2588, 64.0744, 56.9549



56.2457, 64.0744, 49.2659



53.2438, 64.0744, 84.3674

Rectangle

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



65.8059, 64.0744, 95.2855



70.5741, 64.0744, 74.0998



56.2457, 64.0744, 49.2659



52.1544, 64.0744, 65.6048

Sweetspot

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



65.8079, 64.0771, 95.2869



87.6583, 90.3504, 107.4270



71.2179, 79.0970, 97.9009



18.5477, 19.0591, 22.9512



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.



65.8079, 64.0771, 95.2869



68.0912, 65.0714, 103.5790



72.0299, 67.2846, 95.5781



15.9596, 16.1218, 20.8132



9.9786, 4.1185, 46.8070



0.9662, 0.4080, 4.1181

Inverse Universe

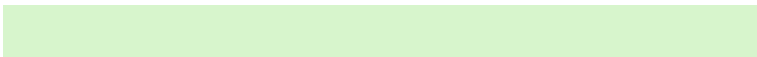
The Inverse Universe completely reimagines the original color for something new.



74.2465, 68.5990, 87.9275



78.9445, 70.8904, 93.9705



71.5583, 84.1030, 69.5916



17.0308, 16.6952, 19.9086



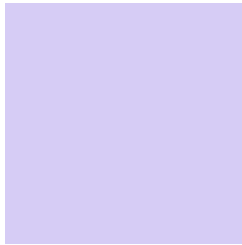
25.0755, 12.3737, 26.1699



2.2441, 1.1036, 2.5120

Previews

White Background



This preview shows how the XYZ color 65.8059, 64.0744, 95.2855 looks on a white background.

Color Contrast Check

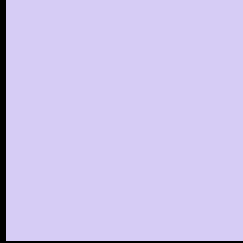
Large Text (above 18pt) WCAG AA × Fail

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 65.8059, 64.0744, 95.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

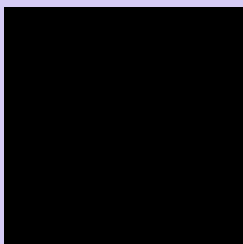
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8059, 64.0744, 95.2855

Background



This preview shows how black text looks on a background with the XYZ color 65.8059, 64.0744, 95.2855.



This preview shows how white text looks on a background with the XYZ color 65.8059, 64.0744,

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

65.8059, 64.0744, 95.2855

Protanopia

63.7015, 64.3837, 97.0656

Deuteranopia

65.5149, 63.9244, 95.2718



Tritanopia

62.5888, 64.1952, 79.6131

Trichromacy



Original Color

65.8059, 64.0744, 95.2855

Protanomaly

64.4010, 64.4013, 96.2252

Deuteranomaly

65.5149, 63.9244, 95.2718

Tritanomaly

63.7423, 64.3007, 85.3956

Monochromacy



Original Color

65.8059, 64.0744, 95.2855

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6956, 65.1289, 79.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8059, 64.0744, 95.2855 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(214, 204, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 245)  
}
```

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(214, 204, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.8059, 64.0744, 95.2855 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(214, 204, 245) }
```


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

```
.border{ border-color:rgb(214, 204, 245) }
```

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

Here you see how a box with a 4 pixel rgb(214, 204, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8059, 64.0744, 95.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 245) }
```

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

```
.background{ background-color: rgb(214,  
204, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor