

Converting Colors

XYZ(64.2498, 60.0744, 98.5695)

Have a look what the booklet for
XYZ(64.2498, 60.0744, 98.5695)
contains.

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Color

**XYZ(64.2110, 60.0785,
98.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3FA
RGB	213, 195, 250
RGB Percent	84%, 76%, 98%
CMY	0.1647, 0.2353, 0.0196
CMYK	0.15, 0.22, 0.00, 0.02
HSL	260°, 85%, 87%
HSV	260°, 22%, 98%
XYZ	64.2110, 60.0785, 98.6545
YIQ	206.6520, -6.9270, 20.9210

Conversions

Conversions Part 2

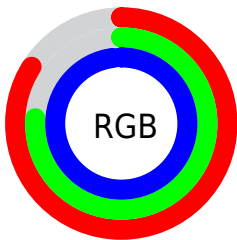
Format	Color
R _Y B	213, 195, 250
Decimal	14009338
CIE Lab	81.88, 16.83, -24.77
CIE LCh	82, 29.945, 304.188
Yxy	60.0785, 0.2880, 0.2695
Android (android.graphics.Color)	4292199418 (0xFFD5C3FA)
YUV	206.6520, 21.3706, 5.5672
Hunter-Lab	77.5103, 12.2297, -21.2066

Details

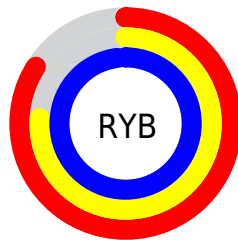
The XYZ color **64.2110, 60.0785, 98.6545** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3167, 89.4687, 64.8267**, and the grayscale version is **58.9562, 62.0265, 67.5468**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.2511, 30.1691, 54.5228** is the 20% darker color. If you saturate the color by 10%, you get **54.4438, 47.4137, 96.7257**, and if you desaturate by 10%, it is **75.4257, 74.8845, 100.9222**.

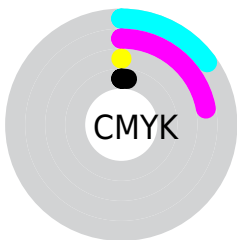
Distribution



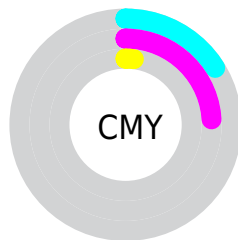
- Red (84%)
- Green (76%)
- Blue (98%)



- Red (84%)
- Yellow (76%)
- Blue (98%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2110, 60.0785, 98.6545 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 64.2110, 60.0785, 98.6545 by changing the saturation by 10% instead.

64.2110, 60.0785,
98.6545

64.2110, 60.0785,
98.6545

429.5414,
424.8871, 577.0800

47.0839, 43.4819,
74.5667

109.9868,
104.9435, 161.3426

33.3102, 30.2634,
54.7584

139.3662,
133.9808, 200.7801

22.5246, 20.0386,
38.8110

173.5604,
167.9337, 246.1712

14.3616, 12.4231,
26.3061

212.9349,
207.1866, 297.9344

8.4560, 7.0325,
16.8249

257.8548,
252.1241, 356.4884

4.4423, 3.4824,
9.9491

308.6856,

1.9553, 1.3885,

303.1304, 422.2516

5.2601

365.7927,
360.5899, 495.6426

■ 0.6087, 0.2082,
2.3393

■ 0.0000, 0.0000,
0.7531

■ 64.2110, 60.0785,
98.6545

■ 64.2110, 60.0785,
98.6545

■ 54.4438, 47.4137,
96.7257

■ 75.4257, 74.8845,
100.9222

■ 46.0564, 36.7816,
95.1156

■ 88.1403, 91.9187,
103.5400

■ 38.9839, 28.0749,
93.8077

■ 94.2555, 99.6822,
104.7162

■ 33.1537, 21.1734,
92.7829

■ 28.4853, 15.9430,
92.0194

■ 24.8875, 12.2299,
91.4923

■ 22.2532, 9.8501,
91.1718

■ 20.7189, 8.6877,
91.0283

Harmonies

Analogous

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



57.9953, 60.0785, 106.6523



64.2110, 60.0785, 98.6545



68.7627, 60.0785, 81.7790

Triad

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



64.2110, 60.0785, 98.6545



62.5623, 60.0785, 38.8085



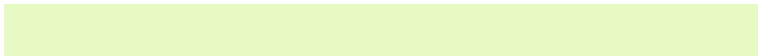
45.8147, 60.0785, 67.9913

Complementary

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



64.2110, 60.0785, 98.6545



77.3167, 89.4687, 64.8267

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.



46.8417, 60.0785, 51.3944



64.2110, 60.0785, 98.6545



56.2195, 60.0785, 36.4698

Square

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



64.2110, 60.0785, 98.6545



67.7626, 60.0785, 47.7347



50.5396, 60.0785, 40.6318



47.6240, 60.0785, 86.9976

Rectangle

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



64.2110, 60.0785, 98.6545



70.0733, 60.0785, 69.0053



50.5396, 60.0785, 40.6318



45.8406, 60.0785, 61.9520

Sweetspot

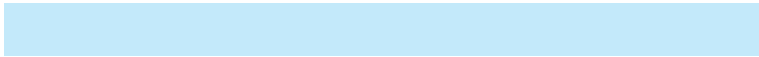
The Sweet Spot groups the original color and five complimentary colors.



64.2129, 60.0810, 98.6558



85.3368, 86.9284, 106.8889



68.7841, 76.5484, 101.5934



18.0943, 18.3768, 22.8434



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.



64.2129, 60.0810, 98.6558



62.8746, 57.2462, 102.3435



72.6792, 64.4455, 99.0521



16.8180, 16.9188, 21.7645



11.1239, 4.6772, 48.2901



1.1368, 0.4881, 4.4775

Inverse Universe

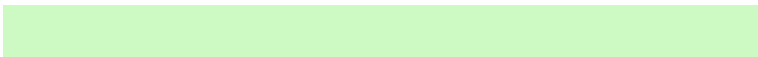
The Inverse Universe completely reimagines the original color for something new.



73.5069, 65.1829, 85.0539



74.1245, 63.4268, 85.6539



69.2378, 85.3038, 64.4486



17.7373, 17.4223, 20.4725



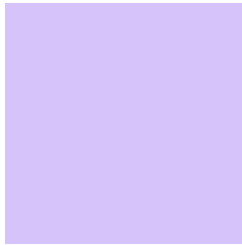
24.7393, 12.3114, 21.1333



2.3401, 1.1598, 2.2141

Previews

White Background



This preview shows how the XYZ color 64.2110, 60.0785, 98.6545 looks on a white background.

Color Contrast Check

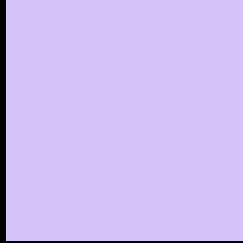
Large Text (above 18pt) WCAG AA × Fail

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 64.2110, 60.0785, 98.6545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

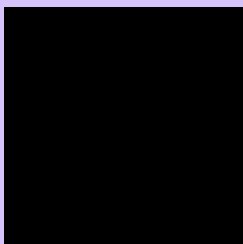
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2110, 60.0785, 98.6545

Background



This preview shows how black text looks on a background with the XYZ color 64.2110, 60.0785, 98.6545.

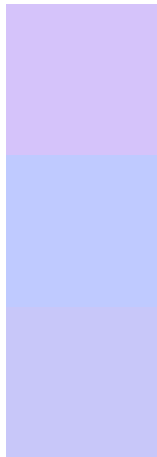


This preview shows how white text looks on a background with the XYZ color 64.2110, 60.0785,

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

64.2110, 60.0785, 98.6545

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.3417, 59.9658, 97.9640



Tritanopia

59.1432, 60.0484, 74.1190

Trichromacy



Original Color

64.2110, 60.0785, 98.6545

Protanomaly

61.7062, 60.0808, 101.2730

Deuteranomaly

62.4698, 60.2069, 97.9511

Tritanomaly

60.8608, 60.0593, 82.5136

Monochromacy



Original Color

64.2110, 60.0785, 98.6545

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9697, 61.5949, 78.4876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2110, 60.0785, 98.6545 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(213, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 250)  
}
```

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(213, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 250) }
```

Border

The CSS property to change the border of an element to XYZ 64.2110, 60.0785, 98.6545 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(213, 195, 250) }
```


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

```
.border{ border-color:rgb(213, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2110, 60.0785, 98.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 250) }
```

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

```
.background{ background-color: rgb(213,  
195, 250) }
```

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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