

Converting Colors

XYZ(65.8480, 64.6425, 74.6905)

Have a look what the booklet for
XYZ(65.8480, 64.6425, 74.6905)
contains.

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Color

**XYZ(65.7958, 64.5264,
74.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CCD9
RGB	227, 204, 217
RGB Percent	89%, 80%, 85%
CMY	0.1098, 0.2000, 0.1490
CMYK	0.00, 0.10, 0.04, 0.11
HSL	326°, 29%, 85%
HSV	326°, 10%, 89%
XYZ	65.7958, 64.5264, 74.6327
YIQ	212.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

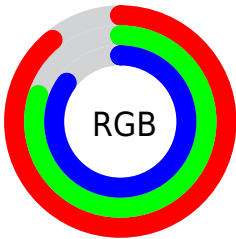
Format	Color
R _Y B	227, 204, 217
Decimal	14929113
CIE Lab	84.24, 10.24, -3.51
CIE LCh	84, 10.828, 341.058
Yxy	64.5264, 0.3210, 0.3148
Android (android.graphics.Color)	4293119193 (0xFFE3CCD9)
YUV	212.3590, 2.2880, 12.8402
Hunter-Lab	80.3283, 5.6323, 1.1437

Details

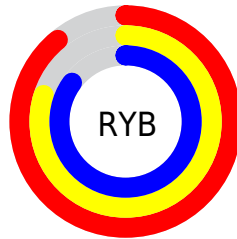
The XYZ color **65.7958, 64.5264, 74.6327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5110, 72.6323, 74.2411**, and the grayscale version is **62.8005, 66.0710, 71.9513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4412, 33.1920, 38.7739** is the 20% darker color. If you saturate the color by 10%, you get **59.5434, 54.0145, 66.4026**, and if you desaturate by 10%, it is **72.9151, 76.6473, 83.5323**.

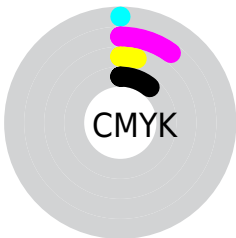
Distribution



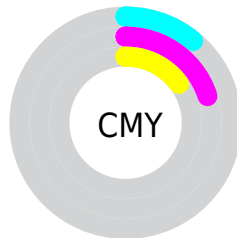
- Red (89%)
- Green (80%)
- Blue (85%)



- Red (89%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7958, 64.5264, 74.6327 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 65.7958, 64.5264, 74.6327 by changing the saturation by 10% instead.

65.7958, 64.5264,
74.6327

65.7958, 64.5264,
74.6327

435.1464,
441.0881, 495.8759

48.3737, 47.0772,
54.8121

112.2526,
111.3687, 127.5346

34.3354, 33.0967,
38.8537

142.0180,
141.5305, 161.4530

23.3155, 22.2005,
26.3390

176.6286,
176.6987, 200.9078

14.9486, 14.0043,
16.8494

216.4497,
217.2576, 246.3174

8.8694, 8.1237,
9.9663

261.8466,
263.5915, 298.1005

4.7125, 4.1742,
5.2713

313.1848,

2.1126, 1.7715,

316.0850, 356.6756

2.3458

370.8296,
375.1224, 422.4612

■ 0.6961, 0.4693,
0.7567

■ 0.0000, 0.0000,
0.0000

■ 65.7958, 64.5264,
74.6327

■ 65.7958, 64.5264,
74.6327

■ 59.5434, 54.0145,
66.4026

■ 72.9151, 76.6473,
83.5323

■ 54.1170, 45.0349,
58.8194

■ 80.9288, 90.4330,
93.1146

■ 49.4810, 37.5172,
51.8653

■ 84.1681, 94.5427,
101.4970

■ 45.5944, 31.3821,
45.5197

■ 85.4889, 95.0711,
108.4525

■ 42.4127, 26.5428,
39.7607

■ 39.8864, 22.9026,
34.5644

■ 37.9589, 20.3509,
29.9042

■ 36.5634, 18.7564,
25.7501

■ 35.5943, 17.8972,
22.1005

Harmonies

Analogous

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



64.4091, 64.5264, 80.6935



65.7958, 64.5264, 74.6327



65.9679, 64.5264, 67.7559

Triad

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



65.7958, 64.5264, 74.6327



60.4503, 64.5264, 58.0787



57.9189, 64.5264, 79.2936

Complementary

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



65.7958, 64.5264, 74.6327



64.5110, 72.6323, 74.2411

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.



56.9155, 64.5264, 72.8216



65.7958, 64.5264, 74.6327



58.3515, 64.5264, 60.7639

Square

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



65.7958, 64.5264, 74.6327



62.8394, 64.5264, 58.4937



57.0718, 64.5264, 66.0582



59.8458, 64.5264, 83.5032

Rectangle

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



65.7958, 64.5264, 74.6327



65.3657, 64.5264, 63.6635



57.0718, 64.5264, 66.0582



57.4647, 64.5264, 77.2935

Sweetspot

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



65.7976, 64.5292, 74.6341



92.1269, 95.0034, 105.3062



63.1823, 63.0261, 81.5091



19.5555, 20.0559, 22.3372



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.



65.7976, 64.5292, 74.6341



83.9843, 81.1790, 95.0059



64.3577, 63.9532, 67.0512



14.7165, 14.5038, 16.7073



20.8181, 10.4614, 13.2029



1.5848, 0.7916, 1.2202

Inverse Universe

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



65.7976, 64.5292, 74.6341



83.9843, 81.1790, 95.0059



66.0273, 73.2388, 82.2259



14.7165, 14.5038, 16.7073



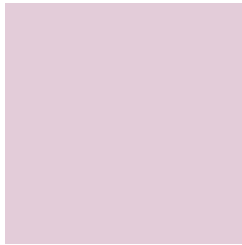
20.8181, 10.4614, 13.2029



1.5848, 0.7916, 1.2202

Previews

White Background



This preview shows how the XYZ color 65.7958, 64.5264, 74.6327 looks on a white background.

Color Contrast Check

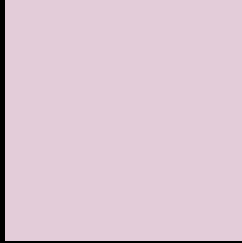
Large Text (above 18pt) WCAG AA × Fail

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 65.7958, 64.5264, 74.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

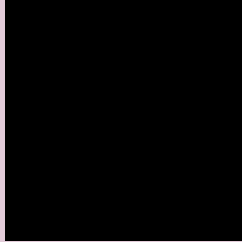
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7958, 64.5264, 74.6327

Background



This preview shows how black text looks on a background with the XYZ color 65.7958, 64.5264, 74.6327.



This preview shows how white text looks on a background with the XYZ color 65.7958, 64.5264,

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

65.7958, 64.5264, 74.6327

Protanopia

62.5827, 64.6171, 76.8840

Deuteranopia

65.7958, 64.5264, 74.6327



Tritanopia

66.1897, 64.6839, 76.7068

Trichromacy



Original Color

65.7958, 64.5264, 74.6327

Protanomaly

63.7143, 64.4918, 76.1079

Deuteranomaly

65.7958, 64.5264, 74.6327

Tritanomaly

66.0576, 64.6311, 76.0113

Monochromacy



Original Color

65.7958, 64.5264, 74.6327

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5533, 65.2077, 72.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7958, 64.5264, 74.6327 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(227, 204, 217) looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 217)  
}
```

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(227, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.7958, 64.5264, 74.6327 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(227, 204, 217) }
```


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

```
.border{ border-color:rgb(227, 204, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 204, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7958, 64.5264, 74.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 217) }
```

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

```
.background{ background-color: rgb(227,  
204, 217) }
```

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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