

Converting Colors

XYZ(65.2564, 59.1006, 78.4892)

Have a look what the booklet for
XYZ(65.2564, 59.1006, 78.4892)
contains.

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Color

**XYZ(65.2564, 59.1006,
78.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BDE0
RGB	233, 189, 224
RGB Percent	91%, 74%, 88%
CMY	0.0863, 0.2588, 0.1216
CMYK	0.00, 0.19, 0.04, 0.09
HSL	312°, 50%, 83%
HSV	312°, 19%, 91%
XYZ	65.2564, 59.1006, 78.4892
YIQ	206.1460, 14.9890, 20.2130

Conversions

Conversions Part 2

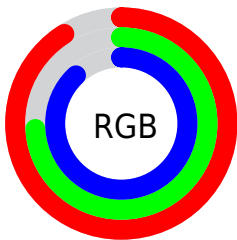
Format	Color
R _Y B	233, 189, 224
Decimal	15318496
CIE Lab	81.35, 21.50, -11.49
CIE LCh	81, 24.373, 331.879
Yxy	59.1006, 0.3217, 0.2914
Android (android.graphics.Color)	4293508576 (0xFFE9BDE0)
YUV	206.1460, 8.8020, 23.5510
Hunter-Lab	76.8769, 16.9838, -6.7196

Details

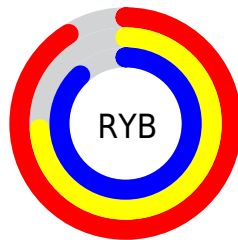
The XYZ color **65.2564, 59.1006, 78.4892** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.3205, 73.1755, 64.3744**, and the grayscale version is **58.6998, 61.7568, 67.2531**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **33.9569, 29.5396, 41.4481** is the 20% darker color. If you saturate the color by 10%, you get **60.0045, 49.6161, 73.5943**, and if you desaturate by 10%, it is **71.3350, 70.2078, 83.7505**.

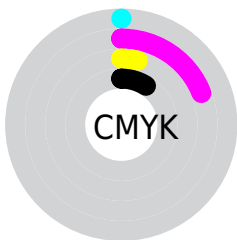
Distribution



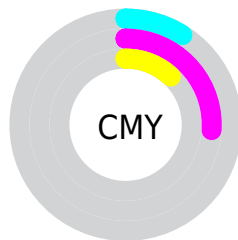
- Red (91%)
- Green (74%)
- Blue (88%)



- Red (91%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2564, 59.1006, 78.4892 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 65.2564, 59.1006, 78.4892 by changing the saturation by 10% instead.

65.2564, 59.1006,
78.4892

65.2564, 59.1006,
78.4892

433.2435,
421.2746, 509.3985

47.9345, 42.6941,
57.9571

111.4821,
103.5239, 133.0316

33.9860, 29.6452,
41.3597

141.1165,
132.3094, 167.8791

23.0457, 19.5694,
28.2784

175.5859,
165.9901, 208.3354

14.7481, 12.0824,
18.2948

215.2555,
204.9504, 254.8190

8.7280, 6.7999,
10.9902

260.4907,
249.5745, 307.7486

4.6199, 3.3372,
5.9462

311.6568,

2.0584, 1.3102,

300.2470, 367.5427

2.7441

369.1193,
357.3523, 434.6198

0.6665, 0.1491,
0.9655

0.0000, 0.0000,
0.0000

65.2564, 59.1006,
78.4892

65.2564, 59.1006,
78.4892

60.0045, 49.6161,
73.5943

71.3350, 70.2078,
83.7505

55.5356, 41.6696,
69.0484

78.2711, 83.0016,
89.3870

51.8098, 35.1808,
64.8382

84.8415, 95.0346,
94.9925

48.7815, 30.0587,
60.9476

85.5525, 95.3190,
98.7363

■ 46.3999, 26.2021,
57.3592

■ 86.2821, 95.6108,
102.5786

■ 44.6075, 23.4960,
54.0529

■ 87.0306, 95.9102,
106.5201

■ 43.3360, 21.8040,
51.0051

■ 87.4147, 96.0639,
108.5427

■ 42.4821, 20.9200,
48.1808

■ 42.3973, 20.8409,
47.8738

Harmonies

Analogous

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



61.5032, 59.1006, 91.2125



65.2564, 59.1006, 78.4892



66.5358, 59.1006, 63.4358

Triad

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



65.2564, 59.1006, 78.4892



55.8530, 59.1006, 40.2012



48.2643, 59.1006, 80.3206

Complementary

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



65.2564, 59.1006, 78.4892



60.3205, 73.1755, 64.3744

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.



46.9468, 59.1006, 65.2740



65.2564, 59.1006, 78.4892



51.1606, 59.1006, 43.3596

Square

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



65.2564, 59.1006, 78.4892



60.9146, 59.1006, 42.6570



47.9748, 59.1006, 52.0207



51.6847, 59.1006, 92.3772

Rectangle

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



65.2564, 59.1006, 78.4892



65.7555, 59.1006, 54.4588



47.9748, 59.1006, 52.0207



47.5705, 59.1006, 75.3728

Sweetspot

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



65.2582, 59.1032, 78.4905



89.8620, 90.4237, 104.7049



56.1441, 54.2599, 84.6059



19.1183, 19.1412, 22.3156



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.



65.2582, 59.1032, 78.4905



77.2370, 67.3691, 93.7285



62.4883, 57.9953, 63.9046



15.5751, 15.2579, 18.3138



24.1028, 11.8438, 27.4066



1.9259, 0.9433, 2.3274

Inverse Universe

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



65.2582, 59.1032, 78.4905



77.2370, 67.3691, 93.7285



63.0190, 74.2549, 78.5843



15.5751, 15.2579, 18.3138



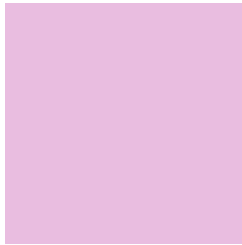
24.1028, 11.8438, 27.4066



1.9259, 0.9433, 2.3274

Previews

White Background



This preview shows how the XYZ color 65.2564, 59.1006, 78.4892 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 65.2564, 59.1006, 78.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

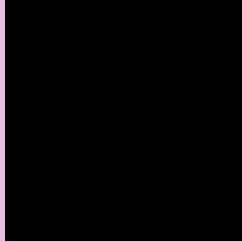
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2564, 59.1006, 78.4892

Background



This preview shows how black text looks on a background with the XYZ color 65.2564, 59.1006, 78.4892.



This preview shows how white text looks on a background with the XYZ color 65.2564, 59.1006,

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

65.2564, 59.1006, 78.4892

Protanopia

58.4781, 59.4698, 84.7406

Deuteranopia

60.7261, 59.4064, 78.0780



Tritanopia

63.0671, 59.1932, 67.1329

Trichromacy



Original Color

65.2564, 59.1006, 78.4892

Protanomaly

60.6875, 59.2913, 82.3745

Deuteranomaly

62.1263, 59.1269, 77.9503

Tritanomaly

63.9198, 59.2215, 71.0127

Monochromacy



Original Color

65.2564, 59.1006, 78.4892

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9834, 60.7116, 71.4551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2564, 59.1006, 78.4892 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(233, 189, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 189, 224)  
}
```

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(233, 189, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 189, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.2564, 59.1006, 78.4892 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(233, 189, 224) }
```


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

```
.border{ border-color:rgb(233, 189, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 189, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 189,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2564, 59.1006, 78.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 189, 224) }
```

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

```
.background{ background-color: rgb(233,  
189, 224) }
```

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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