

Converting Colors

XYZ(67.0247, 64.3371, 80.1124)

Have a look what the booklet for
XYZ(67.0247, 64.3371, 80.1124)
contains.

XYZ(67.0242, 64.3353, 80.1196)	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(67.0242, 64.3353,
80.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CAE1
RGB	229, 202, 225
RGB Percent	90%, 79%, 88%
CMY	0.1020, 0.2078, 0.1176
CMYK	0.00, 0.12, 0.02, 0.10
HSL	309°, 34%, 85%
HSV	309°, 12%, 90%
XYZ	67.0242, 64.3353, 80.1196
YIQ	212.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

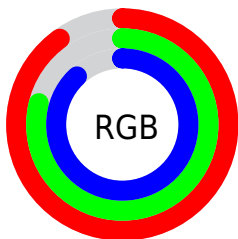
Format	Color
R _Y B	229, 202, 225
Decimal	15059681
CIE Lab	84.14, 13.40, -7.91
CIE LCh	84, 15.562, 329.469
Yxy	64.3353, 0.3169, 0.3042
Android (android.graphics.Color)	4293249761 (0xFFE5CAE1)
YUV	212.6950, 6.0664, 14.2995
Hunter-Lab	80.2093, 8.7913, -3.0772

Details

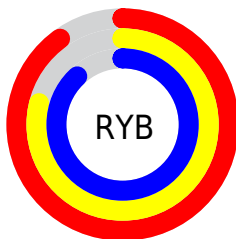
The XYZ color **67.0242, 64.3353, 80.1196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5194, 73.0531, 69.1487**, and the grayscale version is **63.0004, 66.2813, 72.1804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0792, 32.9663, 42.5445** is the 20% darker color. If you saturate the color by 10%, you get **61.5871, 54.1936, 76.0468**, and if you desaturate by 10%, it is **73.2716, 76.0809, 84.5094**.

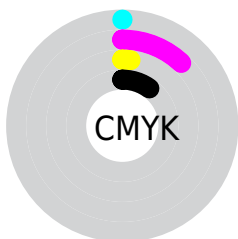
Distribution



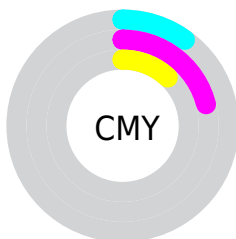
- Red (90%)
- Green (79%)
- Blue (88%)



- Red (90%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0242, 64.3353, 80.1196 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 67.0242, 64.3353, 80.1196 by changing the saturation by 10% instead.

67.0242, 64.3353,
80.1196

67.0242, 64.3353,
80.1196

439.4620,
440.3995, 515.0532

49.3751, 46.9223,
59.2900

114.0047,
111.0937, 135.3468

35.1329, 32.9742,
42.4251

144.0668,
141.2079, 170.5815

23.9322, 22.1067,
29.1062

178.9972,
176.3245, 211.4550

15.4078, 13.9353,
18.9149

219.1613,
216.8281, 258.3858

9.1943, 8.0757,
11.4326

264.9245,
263.1030, 311.7925

4.9262, 4.1434,
6.2408

316.6521,

2.2384, 1.7541,

315.5336, 372.0936

2.9209

374.7095,
374.5043, 439.7076

■ 0.7628, 0.4583,
1.0544

■ 0.0000, 0.0000,
0.0000

■ 67.0242, 64.3353,
80.1196

■ 67.0242, 64.3353,
80.1196

■ 61.5871, 54.1936,
76.0468

■ 73.2716, 76.0809,
84.5094

■ 56.9195, 45.5773,
72.2748

■ 80.3565, 89.4877,
89.2233

■ 52.9858, 38.4141,
68.7923

■ 83.0950, 94.1868,
92.5343

■ 49.7450, 32.6223,
65.5854

■ 83.5905, 94.3850,
95.1438

47.1523, 28.1125,
62.6389

84.0955, 94.5870,
97.8029

45.1576, 24.7841,
59.9358

84.6099, 94.7928,
100.5117

43.7031, 22.5221,
57.4565

85.1338, 95.0023,
103.2706

42.7196, 21.1880,
55.1778

85.6673, 95.2157,
106.0798

42.1719, 20.6016,
53.4256

86.1235, 95.3982,
108.4822

Harmonies

Analogous

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



64.4604, 64.3353, 87.8685



67.0242, 64.3353, 80.1196



68.0034, 64.3353, 70.2259

Triad

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



67.0242, 64.3353, 80.1196



61.2101, 64.3353, 52.7658



55.5696, 64.3353, 79.7875

Complementary

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



67.0242, 64.3353, 80.1196



63.5194, 73.0531, 69.1487

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.



54.7710, 64.3353, 69.8748



67.0242, 64.3353, 80.1196



57.9525, 64.3353, 54.8199

Square

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



67.0242, 64.3353, 80.1196



64.5704, 64.3353, 54.9691



55.6272, 64.3353, 60.8619



57.8502, 64.3353, 87.6645

Rectangle

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



67.0242, 64.3353, 80.1196



67.5986, 64.3353, 63.9250



55.6272, 64.3353, 60.8619



55.1228, 64.3353, 76.5547

Sweetspot

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



67.0261, 64.3381, 80.1210



91.6395, 93.5669, 106.5675



60.6088, 60.9661, 82.7029



19.4815, 19.7764, 22.7175



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.



67.0261, 64.3381, 80.1210



83.8598, 78.9637, 101.0262



65.3068, 63.6504, 71.0675



14.8985, 14.5766, 17.6658



24.1468, 11.7929, 30.7318



1.8095, 0.8815, 2.4032

Inverse Universe

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



67.0261, 64.3381, 80.1210



83.8598, 78.9637, 101.0262



65.1779, 73.7165, 77.8822



14.8985, 14.5766, 17.6658



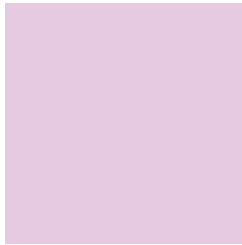
24.1468, 11.7929, 30.7318



1.8095, 0.8815, 2.4032

Previews

White Background



This preview shows how the XYZ color 67.0242, 64.3353, 80.1196 looks on a white background.

Color Contrast Check

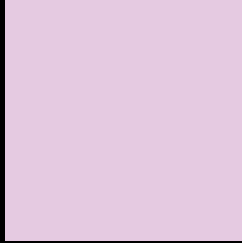
Large Text (above 18pt) WCAG AA × Fail

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 67.0242, 64.3353, 80.1196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

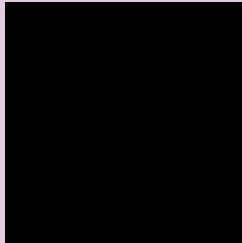
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0242, 64.3353, 80.1196

Background



This preview shows how black text looks on a background with the XYZ color 67.0242, 64.3353, 80.1196.



This preview shows how white text looks on a background with the XYZ color 67.0242, 64.3353,

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

67.0242, 64.3353, 80.1196

Protanopia

62.9557, 64.6680, 83.2928

Deuteranopia

65.9239, 64.4693, 80.2034



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

67.0242, 64.3353, 80.1196

Protanomaly

64.3938, 64.3430, 82.4243

Deuteranomaly

66.3106, 64.3169, 80.1536

Tritanomaly

66.4020, 64.4263, 77.3424

Monochromacy



Original Color

67.0242, 64.3353, 80.1196

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.5383, 65.6708, 74.9198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0242, 64.3353, 80.1196 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(229, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 225)  
}
```

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(229, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.0242, 64.3353, 80.1196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

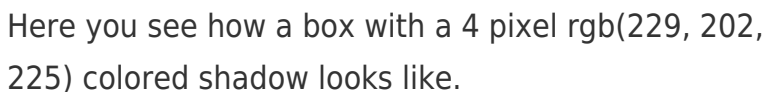
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 202, 225) }
```


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

```
.border{ border-color:rgb(229, 202, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 202, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 202, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 202, 225); box-shadow:4px 4px 4px 4px rgb(229, 202, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0242, 64.3353, 80.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 225) }
```

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

```
.background{ background-color: rgb(229,  
202, 225) }
```

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