

Converting Colors

XYZ(58.3523, 52.8805, 66.1173)

Have a look what the booklet for
XYZ(58.3523, 52.8805, 66.1173)
contains.

XYZ(58.3242, 52.9948, 66.1865)	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(58.3242, 52.9948,
66.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B4CF
RGB	224, 180, 207
RGB Percent	88%, 71%, 81%
CMY	0.1216, 0.2941, 0.1882
CMYK	0.00, 0.20, 0.08, 0.12
HSL	323°, 42%, 79%
HSV	323°, 20%, 88%
XYZ	58.3242, 52.9948, 66.1865
YIQ	196.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

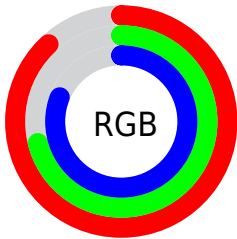
Format	Color
RYB	224, 180, 207
Decimal	14726351
CIELab	77.87, 20.27, -7.57
CIELCh	78, 21.635, 339.512
Yxy	52.9948, 0.3286, 0.2986
Android (android.graphics.Color)	4292916431 (0xFFE0B4CF)
YUV	196.2340, 5.3076, 24.3508
Hunter-Lab	72.7975, 15.6156, -2.9474

Details

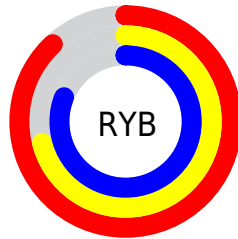
The XYZ color **58.3242, 52.9948, 66.1865** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5582, 67.0473, 62.8396**, and the grayscale version is **52.5728, 55.3107, 60.2333**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **29.4876, 25.8035, 33.5634** is the 20% darker color. If you saturate the color by 10%, you get **53.1334, 44.2599, 59.3781**, and if you desaturate by 10%, it is **64.3069, 63.2191, 73.5464**.

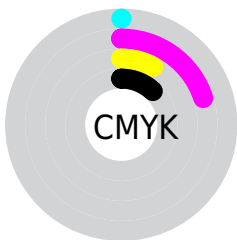
Distribution



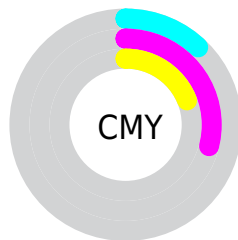
- Red (88%)
- Green (71%)
- Blue (81%)



- Red (88%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3242, 52.9948, 66.1865 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 58.3242, 52.9948, 66.1865 by changing the saturation by 10% instead.


 58.3242, 52.9948,
66.1865

 58.3242, 52.9948,
66.1865


408.3273,
398.2652, 465.4660

 42.3136, 37.7986,
47.9664


 101.5151, 94.5967,
115.3835

 29.5391, 25.8264,
33.4405


129.4261,
121.7712, 147.1975

 19.6354, 16.6938,
22.1902

162.0346,
153.7073, 184.3798

 12.2370, 10.0164,
13.7971

199.7060,
190.7894, 227.3491

 6.9786, 5.4099,
7.8425

242.8056,
233.4018, 276.5238

 3.4950, 2.4897,
3.9080

291.6988,

 1.4206, 0.8715,

281.9290, 332.3225

1.5750

346.7509,
336.7553, 395.1637

■ 0.2708, 0.0000,
0.2729

■ 0.0000, 0.0000,
0.0000

■ 58.3242, 52.9948,
66.1865

■ 58.3242, 52.9948,
66.1865

■ 53.1334, 44.2599,
59.3781

■ 64.3069, 63.2191,
73.5464

■ 48.6939, 36.9369,
53.1011

■ 71.1103, 74.9915,
81.4699

■ 44.9683, 30.9519,
47.3392

■ 78.7678, 88.3761,
89.9730

■ 41.9141, 26.2214,
42.0734

■ 82.4712, 93.7556,
97.4574

■ 39.4842, 22.6527,
37.2830

■ 83.7997, 94.2870,
104.4536

■ 37.6246, 20.1396,
32.9451

■ 84.5508, 94.5875,
108.4086

■ 36.2718, 18.5566,
29.0333

■ 35.3195, 17.6929,
25.5067

■ 35.2883, 17.6665,
25.3857

Harmonies

Analogous

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



55.6876, 52.9948, 77.4592



58.3242, 52.9948, 66.1865



58.7664, 52.9948, 53.9622

Triad

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



58.3242, 52.9948, 66.1865



49.0465, 52.9948, 37.7569



44.3900, 52.9948, 73.7127

Complementary

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



58.3242, 52.9948, 66.1865



55.5582, 67.0473, 62.8396

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.



42.8140, 52.9948, 61.6114



58.3242, 52.9948, 66.1865



45.4021, 52.9948, 41.6277

Square

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



58.3242, 52.9948, 66.1865



53.2513, 52.9948, 38.6269



43.1739, 52.9948, 49.9761



47.5945, 52.9948, 82.2064

Rectangle

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



58.3242, 52.9948, 66.1865



57.7338, 52.9948, 47.0375



43.1739, 52.9948, 49.9761



43.6606, 52.9948, 69.8684

Sweetspot

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



58.3257, 52.9972, 66.1876



89.4245, 90.2487, 102.4012



52.7690, 49.8793, 77.3682



19.0148, 19.0998, 21.7703



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.



58.3257, 52.9972, 66.1876



74.9610, 65.5441, 84.5630



55.8347, 52.0007, 53.0697



14.0589, 13.8412, 16.0802



20.5980, 10.3062, 15.0808



1.4712, 0.7317, 1.2739

Inverse Universe

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



58.3257, 52.9972, 66.1876



74.9610, 65.5441, 84.5630



58.2484, 68.1233, 77.0060



14.0589, 13.8412, 16.0802



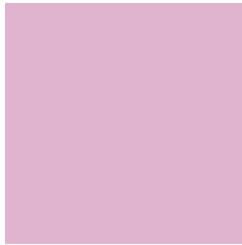
20.5980, 10.3062, 15.0808



1.4712, 0.7317, 1.2739

Previews

White Background



This preview shows how the XYZ color 58.3242, 52.9948, 66.1865 looks on a white background.

Color Contrast Check

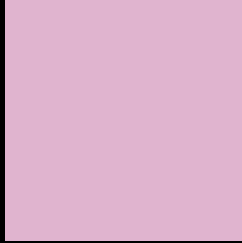
Large Text (above 18pt) WCAG AA × Fail

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 58.3242, 52.9948, 66.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

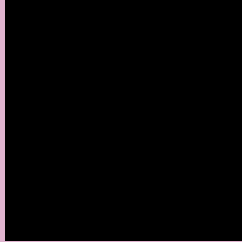
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3242, 52.9948, 66.1865

Background



This preview shows how black text looks on a background with the XYZ color 58.3242, 52.9948, 66.1865.



This preview shows how white text looks on a background with the XYZ color 58.3242, 52.9948,

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

58.3242, 52.9948, 66.1865

Protanopia

52.0036, 53.0638, 71.1198

Deuteranopia

54.3645, 53.1187, 65.7801



Tritanopia

57.1232, 53.1294, 59.4688

Trichromacy



Original Color

58.3242, 52.9948, 66.1865

Protanomaly

53.8853, 52.8004, 68.9794

Deuteranomaly

55.7216, 52.8833, 65.6632

Tritanomaly

57.3806, 52.9059, 61.8311

Monochromacy



Original Color

58.3242, 52.9948, 66.1865

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2924, 54.1189, 62.2280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3242, 52.9948, 66.1865 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(224, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 207)  
}
```

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(224, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.3242, 52.9948, 66.1865 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(224, 180, 207) }
```


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

```
.border{ border-color:rgb(224, 180, 207) }
```

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

Here you see how a box with a 4 pixel rgb(224, 180, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3242, 52.9948, 66.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 207) }
```

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

```
.background{ background-color: rgb(224,  
180, 207) }
```

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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