

Converting Colors

XYZ(58.6419, 54.4144, 63.7820)

Have a look what the booklet for
XYZ(58.6419, 54.4144, 63.7820)
contains.

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Color

**XYZ(58.6605, 54.4401,
63.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B8CB
RGB	224, 184, 203
RGB Percent	88%, 72%, 80%
CMY	0.1216, 0.2784, 0.2039
CMYK	0.00, 0.18, 0.09, 0.12
HSL	332°, 39%, 80%
HSV	332°, 18%, 88%
XYZ	58.6605, 54.4401, 63.9162
YIQ	198.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

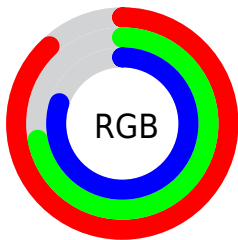
Format	Color
R _Y B	224, 184, 203
Decimal	14727371
CIE Lab	78.72, 17.44, -4.15
CIE LCh	79, 17.924, 346.598
Yxy	54.4401, 0.3314, 0.3075
Android (android.graphics.Color)	4292917451 (0xFFE0B8CB)
YUV	198.1260, 2.4029, 22.6915
Hunter-Lab	73.7835, 12.7926, 0.2875

Details

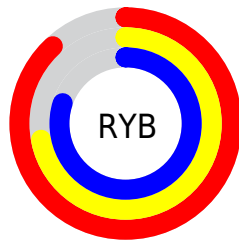
The XYZ color **58.6605, 54.4401, 63.9162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4445, 67.9110, 67.8414**, and the grayscale version is **53.7327, 56.5310, 61.5623**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **29.6896, 26.7274, 32.0279** is the 20% darker color. If you saturate the color by 10%, you get **53.0221, 45.3214, 55.3822**, and if you desaturate by 10%, it is **65.1451, 65.0796, 73.2582**.

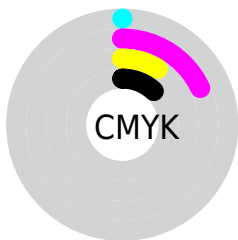
Distribution



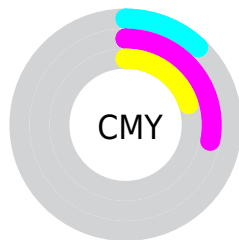
- Red (88%)
- Green (72%)
- Blue (80%)



- Red (88%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6605, 54.4401, 63.9162 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 58.6605, 54.4401, 63.9162 by changing the saturation by 10% instead.

■ 58.6605, 54.4401,
63.9162

■ 58.6605, 54.4401,
63.9162

409.5569,
403.7860, 457.0861

■ 42.5852, 38.9536,
46.1371

■ 102.0015, 96.7201,
112.0885

■ 29.7529, 26.7237,
32.0045

129.9980,
124.2825, 143.3188

■ 19.7982, 17.3658,
21.1001

162.6988,
156.6389, 179.8699

■ 12.3559, 10.4956,
13.0053

200.4695,
194.1738, 222.1603

■ 7.0605, 5.7288,
7.3014

243.6752,
237.2716, 270.6086

■ 3.5466, 2.6809,
3.5700

292.6815,

■ 1.4490, 0.9675,

286.3166, 325.6333

1.3925

347.8536,
341.6933, 387.6530

■ 0.2907, 0.0000,
0.1359

■ 0.0000, 0.0000,
0.0000

■ 58.6605, 54.4401,
63.9162

■ 58.6605, 54.4401,
63.9162

■ 53.0221, 45.3214,
55.3822

■ 65.1451, 65.0796,
73.2582

■ 48.1884, 37.6462,
47.6289

■ 72.5058, 77.2983,
83.4275

■ 44.1210, 31.3413,
40.6321

■ 80.7768, 91.1602,
94.4468

■ 40.7767, 26.3239,
34.3650

■ 83.7634, 94.2725,
104.2620

■ 38.1075, 22.5024,
28.7988

■ 84.5508, 94.5875,
108.4086

■ 36.0592, 19.7729,
23.9019

■ 34.5686, 18.0132,
19.6391

■ 33.5485, 17.0540,
15.9666

■ 33.3626, 16.8962,
15.2449

Harmonies

Analogous

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



56.8549, 54.4401, 73.7243



58.6605, 54.4401, 63.9162



58.5536, 54.4401, 53.8736

Triad

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



58.6605, 54.4401, 63.9162



49.8212, 54.4401, 42.4694



47.2007, 54.4401, 74.6180

Complementary

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



58.6605, 54.4401, 63.9162



57.4445, 67.9110, 67.8414

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.



45.4833, 54.4401, 65.0281



58.6605, 54.4401, 63.9162



46.9484, 54.4401, 46.8506

Square

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



58.6605, 54.4401, 63.9162



53.3395, 54.4401, 42.2443



45.3931, 54.4401, 54.8660



50.1800, 54.4401, 80.3622

Rectangle

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



58.6605, 54.4401, 63.9162



57.4104, 54.4401, 48.3842



45.3931, 54.4401, 54.8660



46.4627, 54.4401, 71.6908

Sweetspot

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



58.6621, 54.4425, 63.9174



90.0573, 91.7095, 102.0109



55.6821, 52.5973, 77.7393



19.1310, 19.3896, 21.6322



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.



58.6621, 54.4425, 63.9174



76.0808, 68.7830, 81.8553



56.6735, 53.8692, 52.7611



13.9769, 13.8084, 15.6487



19.4765, 9.8576, 9.1751



1.3950, 0.7013, 0.8730

Inverse Universe

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



58.6621, 54.4425, 63.9174



76.0808, 68.7830, 81.8553



59.7003, 68.5272, 80.6023



13.9769, 13.8084, 15.6487



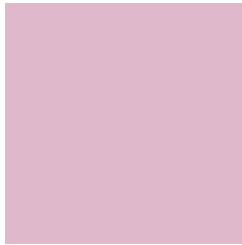
19.4765, 9.8576, 9.1751



1.3950, 0.7013, 0.8730

Previews

White Background



This preview shows how the XYZ color 58.6605, 54.4401, 63.9162 looks on a white background.

Color Contrast Check

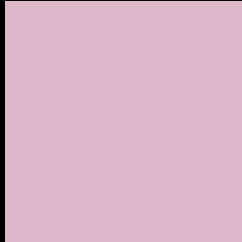
Large Text (above 18pt) WCAG AA × Fail

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 58.6605, 54.4401, 63.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

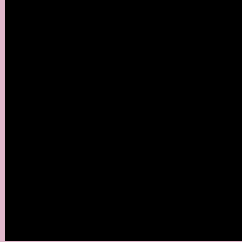
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6605, 54.4401, 63.9162

Background



This preview shows how black text looks on a background with the XYZ color 58.6605, 54.4401, 63.9162.



This preview shows how white text looks on a background with the XYZ color 58.6605, 54.4401,

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

58.6605, 54.4401, 63.9162

Protanopia

53.0485, 54.6564, 68.0754

Deuteranopia

55.7222, 54.5083, 63.4614



Tritanopia

58.0892, 54.5094, 61.4926

Trichromacy



Original Color

58.6605, 54.4401, 63.9162

Protanomaly

54.8528, 54.3110, 66.6235

Deuteranomaly

56.7499, 54.4038, 63.3871

Tritanomaly

58.2057, 54.5560, 62.1062

Monochromacy



Original Color

58.6605, 54.4401, 63.9162

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2274, 55.5755, 62.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6605, 54.4401, 63.9162 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, 184, 203) looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 203)  
}
```

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, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.6605, 54.4401, 63.9162 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, 184, 203) }
```


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

```
.border{ border-color:rgb(224, 184, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6605, 54.4401, 63.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 203) }
```

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

```
.background{ background-color: rgb(224,  
184, 203) }
```

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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