

Converting Colors

XYZ(59.7146, 54.2230, 68.1383)

Have a look what the booklet for
XYZ(59.7146, 54.2230, 68.1383)
contains.

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Color

**XYZ(59.7248, 54.2778,
68.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6D2
RGB	226, 182, 210
RGB Percent	89%, 71%, 82%
CMY	0.1137, 0.2863, 0.1765
CMYK	0.00, 0.19, 0.07, 0.11
HSL	322°, 43%, 80%
HSV	322°, 19%, 89%
XYZ	59.7248, 54.2778, 68.3016
YIQ	198.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

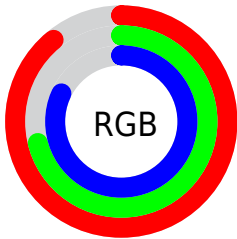
Format	Color
R _Y B	226, 182, 210
Decimal	14857938
CIE Lab	78.62, 20.40, -8.06
CIE LCh	79, 21.937, 338.436
Yxy	54.2778, 0.3276, 0.2977
Android (android.graphics.Color)	4293048018 (0xFFE2B6D2)
YUV	198.3480, 5.7444, 24.2508
Hunter-Lab	73.6735, 15.7759, -3.3955

Details

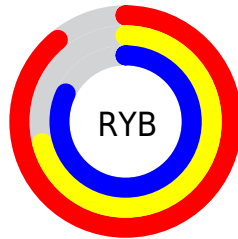
The XYZ color **59.7248, 54.2778, 68.3016** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.6829, 68.4164, 63.6474**, and the grayscale version is **53.8483, 56.6526, 61.6947**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.4286, 26.6469, 34.9921** is the 20% darker color. If you saturate the color by 10%, you get **54.4672, 45.3588, 61.6264**, and if you desaturate by 10%, it is **65.7851, 64.7165, 75.5051**.

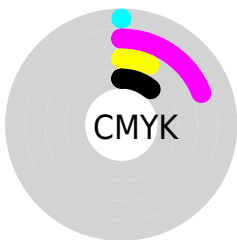
Distribution



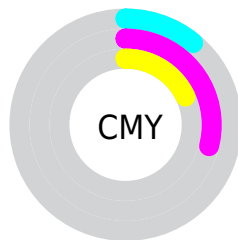
- Red (89%)
- Green (71%)
- Blue (82%)



- Red (89%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7248, 54.2778, 68.3016 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 59.7248, 54.2778, 68.3016 by changing the saturation by 10% instead.

■ 59.7248, 54.2778,
68.3016

■ 59.7248, 54.2778,
68.3016

413.4337,
403.1685, 473.1909

■ 43.4455, 38.8238,
49.6749

■ 103.5390, 96.4820,
118.4418

■ 30.4308, 26.6227,
34.7858

131.8045,
124.0010, 150.7924

■ 20.3155, 17.2901,
23.2157

164.7962,
156.3105, 188.5547

■ 12.7342, 10.4415,
14.5461

202.8793,
193.7948, 232.1473

■ 7.3215, 5.6927,
8.3584

246.4193,
236.8384, 281.9886

■ 3.7121, 2.6591,
4.2341

295.7814,

■ 1.5406, 0.9565,

285.8256, 338.4973

1.7546

351.3311,
341.1408, 402.0919

■ 0.3532, 0.0000,
0.3978

■ 0.0000, 0.0000,
0.0000

■ 59.7248, 54.2778,
68.3016

■ 59.7248, 54.2778,
68.3016

■ 54.4672, 45.3588,
61.6264

■ 65.7851, 64.7165,
75.5051

■ 49.9709, 37.8803,
55.4601

■ 72.6775, 76.7347,
83.2485

■ 46.1982, 31.7672,
49.7866

■ 80.4356, 90.3978,
91.5475

■ 43.1057, 26.9343,
44.5875

■ 83.2834, 94.1525,
98.4803

■ 40.6454, 23.2868,
39.8427

■ 84.5520, 94.6600,
105.1608

■ 38.7627, 20.7169,
35.5297

■ 85.1743, 94.9089,
108.4378

■ 37.3929, 19.0965,
31.6226

■ 36.4306, 18.2163,
28.0818

■ 36.3840, 18.1768,
27.9010

Harmonies

Analogous

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



56.9391, 54.2778, 79.8092



59.7248, 54.2778, 68.3016



60.2695, 54.2778, 55.6703

Triad

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



59.7248, 54.2778, 68.3016



50.3778, 54.2778, 38.5147



45.3398, 54.2778, 75.1927

Complementary

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



59.7248, 54.2778, 68.3016



56.6829, 68.4164, 63.6474

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.



43.7855, 54.2778, 62.6663



59.7248, 54.2778, 68.3016



46.5858, 54.2778, 42.3231

Square

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



59.7248, 54.2778, 68.3016



54.7098, 54.2778, 39.5848



44.2285, 54.2778, 50.7631



48.5900, 54.2778, 84.1591

Rectangle

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



59.7248, 54.2778, 68.3016



59.2610, 54.2778, 48.4584



44.2285, 54.2778, 50.7631



44.6102, 54.2778, 71.1939

Sweetspot

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



59.7264, 54.2802, 68.3028



89.4788, 90.2705, 102.6873



53.5885, 50.8740, 78.9474



19.0276, 19.1049, 21.8380



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.



59.7264, 54.2802, 68.3028



75.8630, 66.8196, 86.4933



57.2358, 53.2840, 55.1876



14.0725, 13.8466, 16.1517



20.8157, 10.3933, 16.2273



1.4853, 0.7374, 1.3487

Inverse Universe

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



59.7264, 54.2802, 68.3028



75.8630, 66.8196, 86.4933



59.3284, 69.4746, 77.5784



14.0725, 13.8466, 16.1517



20.8157, 10.3933, 16.2273



1.4853, 0.7374, 1.3487

Previews

White Background



This preview shows how the XYZ color 59.7248, 54.2778, 68.3016 looks on a white background.

Color Contrast Check

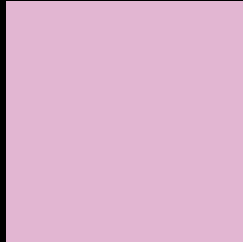
Large Text (above 18pt) WCAG AA × Fail

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 59.7248, 54.2778, 68.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

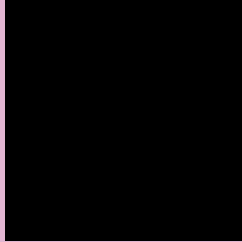
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7248, 54.2778, 68.3016

Background



This preview shows how black text looks on a background with the XYZ color 59.7248, 54.2778, 68.3016.



This preview shows how white text looks on a background with the XYZ color 59.7248, 54.2778,

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

59.7248, 54.2778, 68.3016

Protanopia

53.3326, 54.3562, 73.3265

Deuteranopia

55.4383, 54.2640, 67.8737



Tritanopia

58.0740, 54.2055, 60.8280

Trichromacy



Original Color

59.7248, 54.2778, 68.3016

Protanomaly

55.2370, 54.0876, 71.1470

Deuteranomaly

56.7991, 54.0174, 67.7544

Tritanomaly

58.6455, 54.1388, 63.2360

Monochromacy



Original Color

59.7248, 54.2778, 68.3016

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5227, 55.3734, 63.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7248, 54.2778, 68.3016 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(226, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 210)  
}
```

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(226, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.7248, 54.2778, 68.3016 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(226, 182, 210) }
```


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

```
.border{ border-color:rgb(226, 182, 210) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7248, 54.2778, 68.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 210) }
```

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

```
.background{ background-color: rgb(226,  
182, 210) }
```

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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