

Converting Colors

XYZ(58.4426, 51.0350, 54.6182)

Have a look what the booklet for
XYZ(58.4426, 51.0350, 54.6182)
contains.

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Color

**XYZ(58.4217, 50.9688,
54.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACBC
RGB	236, 172, 188
RGB Percent	93%, 67%, 74%
CMY	0.0745, 0.3255, 0.2627
CMYK	0.00, 0.27, 0.20, 0.07
HSL	345°, 63%, 80%
HSV	345°, 27%, 93%
XYZ	58.4217, 50.9688, 54.3357
YIQ	192.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

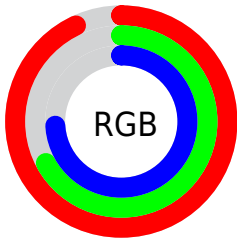
Format	Color
R _Y B	236, 172, 188
Decimal	15510716
CIE Lab	76.66, 25.73, 1.12
CIE LCh	77, 25.751, 2.496
Yxy	50.9688, 0.3568, 0.3113
Android (android.graphics.Color)	4293700796 (0xFFECACBC)
YUV	192.9600, -2.4453, 37.7461
Hunter-Lab	71.3924, 21.1330, 4.8500

Details

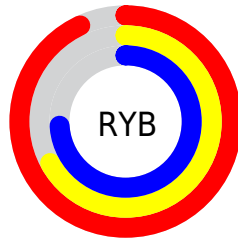
The XYZ color **58.4217, 50.9688, 54.3357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9292, 73.9301, 78.8252**, and the grayscale version is **50.6666, 53.3053, 58.0494**.

A 20% lighter version of the original color is **85.3125, 83.2785, 97.1658**, and **29.5604, 24.5266, 26.0978** is the 20% darker color. If you saturate the color by 10%, you get **52.5300, 42.0540, 43.5276**, and if you desaturate by 10%, it is **65.3479, 61.5771, 66.6445**.

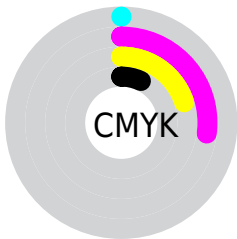
Distribution



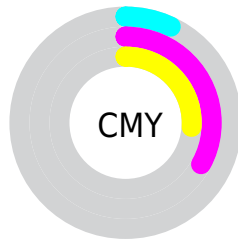
- Red (93%)
- Green (67%)
- Blue (74%)



- Red (93%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4217, 50.9688, 54.3357 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 58.4217, 50.9688, 54.3357 by changing the saturation by 10% instead.


 58.4217, 50.9688,
54.3357

 58.4217, 50.9688,
54.3357


408.6840,
390.4426, 420.5996

 42.3923, 36.1838,
38.4751


 101.6561, 91.6087,
98.0283

 29.6011, 24.5762,
26.0470


129.5919,
118.2323, 126.6975

 19.6826, 15.7616,
16.6327


162.2272,
149.5709, 160.4732

 12.2714, 9.3556,
9.8138

199.9274,
186.0089, 199.7740

 7.0023, 4.9738,
5.1717

243.0578,
227.9306, 245.0186

 3.5099, 2.2319,
2.2878

291.9838,

 1.4288, 0.7373,

275.7206, 296.6253

0.7244

347.0708,
329.7631, 355.0128

■ 0.2766, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4217, 50.9688,
54.3357

■ 58.4217, 50.9688,
54.3357

■ 52.5300, 42.0540,
43.5276

■ 65.3479, 61.5771,
66.6445

■ 47.6180, 34.7377,
34.1587

■ 73.3514, 73.9531,
80.5061

■ 43.6319, 28.9267,
26.1674

■ 82.4777, 88.1753,
95.9739

■ 40.5111, 24.5148,
19.4867

■ 88.4023, 96.5730,
108.5889

■ 38.1875, 21.3822,
14.0431

■ 36.5820, 19.3882,
9.7556

■ 35.5941, 18.3519,
6.5304

■ 35.3813, 18.1486,
5.7742

Harmonies

Analogous

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



57.2400, 50.9688, 68.8347



58.4217, 50.9688, 54.3357



56.7851, 50.9688, 42.2914

Triad

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



58.4217, 50.9688, 54.3357



43.5825, 50.9688, 35.7999



44.2446, 50.9688, 82.8646

Complementary

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



58.4217, 50.9688, 54.3357



59.9292, 73.9301, 78.8252

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.



40.9631, 50.9688, 71.1984



58.4217, 50.9688, 54.3357



40.5993, 50.9688, 44.0030

Square

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



58.4217, 50.9688, 54.3357



48.0373, 50.9688, 32.7716



39.6729, 50.9688, 56.6734



48.8536, 50.9688, 86.8560

Rectangle

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



58.4217, 50.9688, 54.3357



54.3759, 50.9688, 36.8133



39.6729, 50.9688, 56.6734



42.9605, 50.9688, 79.6240

Sweetspot

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



58.4231, 50.9712, 54.3367



86.5174, 86.7213, 94.3827



59.4098, 50.7794, 86.0275



18.1956, 18.0615, 19.6471



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.



58.4231, 50.9712, 54.3367



65.2760, 54.1298, 56.8088



60.0234, 56.7801, 46.8288



15.2199, 15.1158, 16.4433



19.5463, 10.0212, 3.4123



1.5724, 0.8019, 0.4658

Inverse Universe

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



58.4231, 50.9712, 54.3367



65.2760, 54.1298, 56.8088



57.7487, 66.0149, 89.0558



15.2199, 15.1158, 16.4433



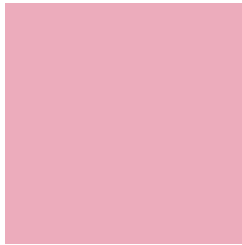
19.5463, 10.0212, 3.4123



1.5724, 0.8019, 0.4658

Previews

White Background



This preview shows how the XYZ color 58.4217, 50.9688, 54.3357 looks on a white background.

Color Contrast Check

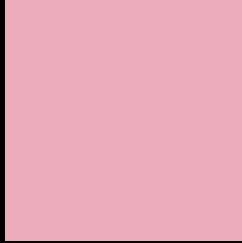
Large Text (above 18pt) WCAG AA × Fail

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 58.4217, 50.9688, 54.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

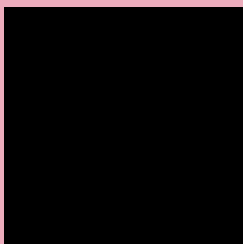
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4217, 50.9688, 54.3357

Background



This preview shows how black text looks on a background with the XYZ color 58.4217, 50.9688, 54.3357.



This preview shows how white text looks on a background with the XYZ color 58.4217, 50.9688,

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

58.4217, 50.9688, 54.3357

Protanopia

49.6621, 51.1200, 60.6758

Deuteranopia

52.0909, 50.9675, 53.5466



Tritanopia

58.2075, 50.8831, 53.2079

Trichromacy



Original Color

58.4217, 50.9688, 54.3357

Protanomaly

52.1977, 50.6163, 58.0578

Deuteranomaly

54.3032, 50.8881, 53.9740

Tritanomaly

58.3142, 50.9258, 53.7699

Monochromacy



Original Color

58.4217, 50.9688, 54.3357

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.0474, 52.0148, 56.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4217, 50.9688, 54.3357 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(236, 172, 188)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 188)  
}
```

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(236, 172, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.4217, 50.9688, 54.3357 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(236, 172, 188) }
```


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

```
.border{ border-color:rgb(236, 172, 188) }
```

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

Here you see how a box with a 4 pixel rgb(236, 172, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4217, 50.9688, 54.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 188) }
```

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

```
.background{ background-color: rgb(236,  
172, 188) }
```

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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