

Converting Colors

XYZ(58.3507, 50.8722, 53.7576)

Have a look what the booklet for
XYZ(58.3507, 50.8722, 53.7576)
contains.

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Color

**XYZ(58.3142, 50.9258,
53.7699)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACBB
RGB	236, 172, 187
RGB Percent	93%, 67%, 73%
CMY	0.0745, 0.3255, 0.2667
CMYK	0.00, 0.27, 0.21, 0.07
HSL	346°, 63%, 80%
HSV	346°, 27%, 93%
XYZ	58.3142, 50.9258, 53.7699
YIQ	192.8460, 33.3290, 18.2330

Conversions

Conversions Part 2

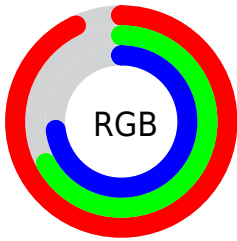
Format	Color
R _Y B	236, 172, 187
Decimal	15510715
CIE Lab	76.63, 25.58, 1.63
CIE LCh	77, 25.630, 3.645
Yxy	50.9258, 0.3577, 0.3124
Android (android.graphics.Color)	4293700795 (0xFFECACBB)
YUV	192.8460, -2.8821, 37.8461
Hunter-Lab	71.3623, 20.9784, 5.2799

Details

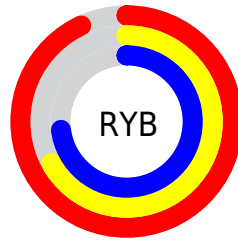
The XYZ color **58.3142, 50.9258, 53.7699** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.0619, 73.9832, 79.5248**, and the grayscale version is **50.6020, 53.2373, 57.9754**.

A 20% lighter version of the original color is **85.1611, 83.2179, 96.3682**, and **29.4903, 24.4986, 25.7286** is the 20% darker color. If you saturate the color by 10%, you get **52.4009, 42.0023, 42.8477**, and if you desaturate by 10%, it is **65.2714, 61.5465, 66.2422**.

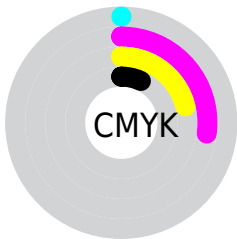
Distribution



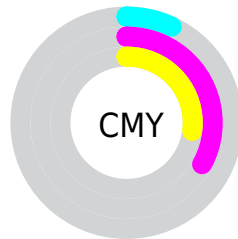
- Red (93%)
- Green (67%)
- Blue (73%)



- Red (93%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3142, 50.9258, 53.7699 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 58.3142, 50.9258, 53.7699 by changing the saturation by 10% instead.


 58.3142, 50.9258,
53.7699

 58.3142, 50.9258,
53.7699


408.2907,
390.2754, 418.3817

 42.3055, 36.1496,
38.0258


 101.5006, 91.5451,
97.1893

 29.5328, 24.5497,
25.7007


129.4091,
118.1569, 125.7017

 19.6305, 15.7419,
16.3761


162.0148,
149.4827, 159.3073

 12.2335, 9.3417,
9.6335

199.6832,
185.9069, 198.4246

 6.9762, 4.9647,
5.0542

242.7797,
227.8139, 243.4721

 3.4934, 2.2266,
2.2198

291.6695,

 1.4197, 0.7344,

275.5881, 294.8685

0.6858

346.7181,
329.6138, 353.0322

■ 0.2702, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3142, 50.9258,
53.7699

■ 58.3142, 50.9258,
53.7699

■ 52.4009, 42.0023,
42.8477

■ 65.2714, 61.5465,
66.2422

■ 47.4759, 34.6809,
33.4109

■ 73.3158, 73.9389,
80.3194

■ 43.4851, 28.8680,
25.3949

■ 82.4936, 88.1816,
96.0576

■ 40.3671, 24.4573,
18.7288

■ 88.4022, 96.5729,
108.5889

■ 38.0531, 21.3284,
13.3353

■ 36.4629, 19.3406,
9.1287

■ 35.4952, 18.3123,
6.0099

■ 35.2890, 18.1116,
5.2882

Harmonies

Analogous

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



57.2452, 50.9258, 68.1646



58.3142, 50.9258, 53.7699



56.5851, 50.9258, 41.9357

Triad

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



58.3142, 50.9258, 53.7699



43.4207, 50.9258, 36.0632



44.3823, 50.9258, 82.9738

Complementary

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



58.3142, 50.9258, 53.7699



60.0619, 73.9832, 79.5248

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.



41.0511, 50.9258, 71.5933



58.3142, 50.9258, 53.7699



40.5225, 50.9258, 44.4230

Square

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



58.3142, 50.9258, 53.7699



47.8134, 50.9258, 32.8476



39.6845, 50.9258, 57.1638



48.9984, 50.9258, 86.5844

Rectangle

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



58.3142, 50.9258, 53.7699



54.1418, 50.9258, 36.6097



39.6845, 50.9258, 57.1638



43.0856, 50.9258, 79.8463

Sweetspot

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



58.3156, 50.9282, 53.7709



86.4702, 86.7024, 94.1339



59.4098, 50.7794, 86.0273



18.1838, 18.0568, 19.5848



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.



58.3156, 50.9282, 53.7709



65.1311, 54.0718, 56.0455



60.0234, 56.7801, 46.8288



15.2101, 15.1119, 16.3916



19.4933, 10.0000, 3.1333



1.5670, 0.7998, 0.4374

Inverse Universe

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



58.3156, 50.9282, 53.7709



65.1311, 54.0718, 56.0455



57.7486, 66.0148, 89.0556



15.2101, 15.1119, 16.3916



19.4933, 10.0000, 3.1333



1.5670, 0.7998, 0.4374

Previews

White Background



This preview shows how the XYZ color 58.3142, 50.9258, 53.7699 looks on a white background.

Color Contrast Check

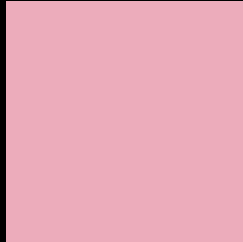
Large Text (above 18pt) WCAG AA × Fail

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 58.3142, 50.9258, 53.7699 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 58.3142, 50.9258, 53.7699

Background



This preview shows how black text looks on a background with the XYZ color 58.3142, 50.9258, 53.7699.



This preview shows how white text looks on a background with the XYZ color 58.3142, 50.9258,

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

58.3142, 50.9258, 53.7699

Protanopia

49.4329, 51.0283, 59.4686

Deuteranopia

51.9849, 50.9251, 52.9886



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

58.3142, 50.9258, 53.7699

Protanomaly

52.0857, 50.5716, 57.4681

Deuteranomaly

54.1964, 50.8454, 53.4121

Tritanomaly

58.2075, 50.8831, 53.2079

Monochromacy



Original Color

58.3142, 50.9258, 53.7699

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 58.3142, 50.9258, 53.7699 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.3142, 50.9258, 53.7699 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, 187) }
```


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

```
.border{ border-color:rgb(236, 172, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3142, 50.9258, 53.7699 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, 187) }
```

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

```
.background{ background-color: rgb(236,  
172, 187) }
```

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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