

Converting Colors

XYZ(58.1003, 53.5356, 58.5801)

Have a look what the booklet for
XYZ(58.1003, 53.5356, 58.5801)
contains.

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Color

**XYZ(58.1441, 53.6818,
58.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6C2
RGB	227, 182, 194
RGB Percent	89%, 71%, 76%
CMY	0.1098, 0.2863, 0.2392
CMYK	0.00, 0.20, 0.15, 0.11
HSL	344°, 45%, 80%
HSV	344°, 20%, 89%
XYZ	58.1441, 53.6818, 58.3360
YIQ	196.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

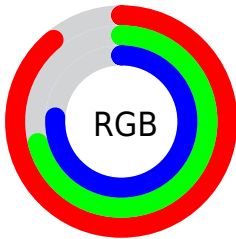
Format	Color
R _Y B	227, 182, 194
Decimal	14923458
CIE Lab	78.28, 18.09, 0.11
CIE LCh	78, 18.088, 0.336
Yxy	53.6818, 0.3417, 0.3155
Android (android.graphics.Color)	4293113538 (0xFFE3B6C2)
YUV	196.8230, -1.3917, 26.4652
Hunter-Lab	73.2679, 13.4357, 4.0807

Details

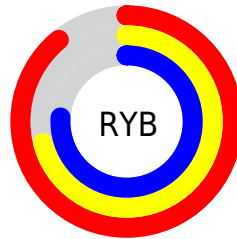
The XYZ color **58.1441, 53.6818, 58.3360** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0284, 69.7909, 74.6532**, and the grayscale version is **52.9638, 55.7221, 60.6813**.

A 20% lighter version of the original color is **89.0699, 89.3112, 102.9868**, and **29.3785, 26.2519, 28.3297** is the 20% darker color. If you saturate the color by 10%, you get **52.1006, 44.4209, 47.6078**, and if you desaturate by 10%, it is **65.1537, 64.5385, 70.4210**.

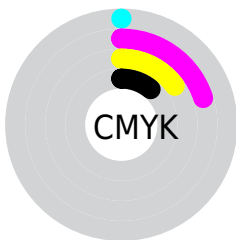
Distribution



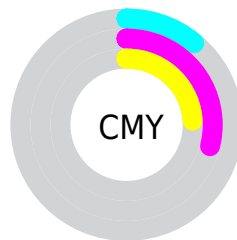
- Red (89%)
- Green (71%)
- Blue (76%)



- Red (89%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1441, 53.6818, 58.3360 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 58.1441, 53.6818, 58.3360 by changing the saturation by 10% instead.


 58.1441, 53.6818,
58.3360

 58.1441, 53.6818,
58.3360


407.6679,
400.8955, 436.0700

 42.1682, 38.3473,
41.6623


 101.2544, 95.6069,
103.9316

 29.4247, 26.2524,
28.5134


129.1196,
122.9663, 133.6906

 19.5482, 17.0125,
18.4706

161.6786,
155.1028, 168.6485

 12.1734, 10.2434,
11.1155

199.2967,
192.4007, 209.2238

 6.9349, 5.5607,
6.0294

242.3393,
235.2446, 255.8351

 3.4674, 2.5798,
2.7939

291.1718,

 1.4055, 0.9165,

284.0187, 308.9008

0.9904

346.1596,
339.1076, 368.8396

■ 0.2601, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1441, 53.6818,
58.3360

■ 58.1441, 53.6818,
58.3360

■ 52.1006, 44.4209,
47.6078

■ 65.1537, 64.5385,
70.4210

■ 46.9755, 36.6731,
38.1846

■ 73.1652, 77.0538,
83.9053

■ 42.7238, 30.3596,
30.0164

■ 82.2182, 91.2963,
98.8334

■ 39.2949, 25.3913,
23.0484

■ 85.4888, 95.0710,
108.4525

■ 36.6327, 21.6690,
17.2215

■ 34.6736, 19.0800,
12.4713

■ 33.3433, 17.4904,
8.7259

■ 32.5206, 16.6748,
5.8934

■ 32.5082, 16.6628,
5.8501

Harmonies

Analogous

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



57.1754, 53.6818, 68.6494



58.1441, 53.6818, 58.3360



57.1323, 53.6818, 49.1383

Triad

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



58.1441, 53.6818, 58.3360



47.6584, 53.6818, 43.1746



47.7246, 53.6818, 77.0988

Complementary

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



58.1441, 53.6818, 58.3360



59.0284, 69.7909, 74.6532

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.



45.3654, 53.6818, 68.8703



58.1441, 53.6818, 58.3360



45.3284, 53.6818, 49.3151

Square

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



58.1441, 53.6818, 58.3360



50.9830, 53.6818, 41.0282



44.5083, 53.6818, 58.5649



51.0629, 53.6818, 80.2153

Rectangle

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



58.1441, 53.6818, 58.3360



55.4966, 53.6818, 44.6790



44.5083, 53.6818, 58.5649



46.7964, 53.6818, 74.7953

Sweetspot

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



58.1456, 53.6842, 58.3371



88.6074, 89.9219, 98.0987



58.6192, 53.4516, 79.9013



18.8218, 19.0226, 20.7542



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.



58.1456, 53.6842, 58.3371



72.1346, 64.4135, 69.6797



59.0834, 57.6298, 52.2685



14.5340, 14.4308, 15.7464



19.0001, 9.7342, 3.6294



1.4418, 0.7344, 0.4670

Inverse Universe

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



58.1456, 53.6842, 58.3371



72.1346, 64.4135, 69.6797



57.8426, 64.8611, 82.1445



14.5340, 14.4308, 15.7464



19.0001, 9.7342, 3.6294



1.4418, 0.7344, 0.4670

Previews

White Background



This preview shows how the XYZ color 58.1441, 53.6818, 58.3360 looks on a white background.

Color Contrast Check

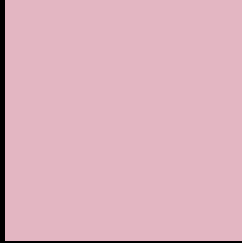
Large Text (above 18pt) WCAG AA × Fail

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 58.1441, 53.6818, 58.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

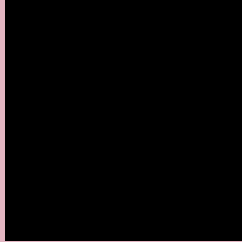
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1441, 53.6818, 58.3360

Background



This preview shows how black text looks on a background with the XYZ color 58.1441, 53.6818, 58.3360.



This preview shows how white text looks on a background with the XYZ color 58.1441, 53.6818,

58.3360.

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

58.1441, 53.6818, 58.3360

Protanopia

52.0010, 53.9122, 62.3089

Deuteranopia

55.0494, 53.9628, 57.9665



Tritanopia

58.3703, 53.7723, 59.5272

Trichromacy



Original Color

58.1441, 53.6818, 58.3360

Protanomaly

54.1228, 53.7378, 60.9459

Deuteranomaly

56.0980, 53.8735, 57.8940

Tritanomaly

58.2568, 53.7269, 58.9296

Monochromacy



Original Color

58.1441, 53.6818, 58.3360

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8259, 55.0947, 59.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1441, 53.6818, 58.3360 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(227, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 194)  
}
```

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(227, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.1441, 53.6818, 58.3360 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(227, 182, 194) }
```


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

```
.border{ border-color:rgb(227, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1441, 53.6818, 58.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 194) }
```

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

```
.background{ background-color: rgb(227,  
182, 194) }
```

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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