

Converting Colors

XYZ(57.4418, 52.8010, 55.0257)

Have a look what the booklet for
XYZ(57.4418, 52.8010, 55.0257)
contains.

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Color

**XYZ(57.5015, 52.8106,
55.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4BD
RGB	228, 180, 189
RGB Percent	89%, 71%, 74%
CMY	0.1059, 0.2941, 0.2588
CMYK	0.00, 0.21, 0.17, 0.11
HSL	349°, 47%, 80%
HSV	349°, 21%, 89%
XYZ	57.5015, 52.8106, 55.3069
YIQ	195.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

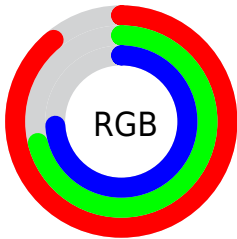
Format	Color
R _Y B	228, 180, 189
Decimal	14988477
CIE Lab	77.76, 18.73, 2.08
CIE LCh	78, 18.844, 6.348
Yxy	52.8106, 0.3472, 0.3189
Android (android.graphics.Color)	4293178557 (0xFFE4B4BD)
YUV	195.3780, -3.1444, 28.6095
Hunter-Lab	72.6709, 14.0656, 5.7464

Details

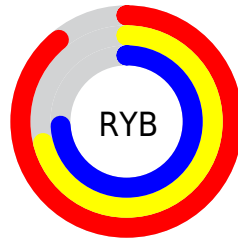
The XYZ color **57.5015, 52.8106, 55.3069** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.3541, 70.3060, 77.4634**, and the grayscale version is **52.1058, 54.8194, 59.6983**.

A 20% lighter version of the original color is **87.7169, 87.8435, 98.7185**, and **29.0466, 25.7270, 26.7274** is the 20% darker color. If you saturate the color by 10%, you get **51.3876, 43.5979, 43.9728**, and if you desaturate by 10%, it is **64.6324, 63.6450, 68.2486**.

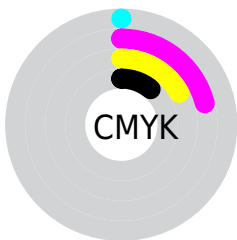
Distribution



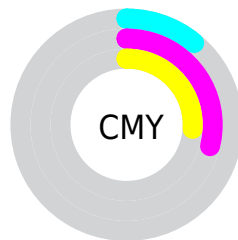
- Red (89%)
- Green (71%)
- Blue (74%)



- Red (89%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5015, 52.8106, 55.3069 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 57.5015, 52.8106, 55.3069 by changing the saturation by 10% instead.


 57.5015, 52.8106,
55.3069

 57.5015, 52.8106,
55.3069


405.3097,
397.5580, 424.3889

 41.6497, 37.6516,
39.2472

 100.3237, 94.3256,
99.4661

 29.0170, 25.7124,
26.6428


128.0249,
121.4504, 128.4028

 19.2380, 16.6086,
17.0751


160.4065,
153.3326, 162.4688

 11.9474, 9.9558,
10.1255

197.8340,
190.3565, 202.0828

 6.7798, 5.3697,
5.3756

240.6727,
232.9067, 247.6632

 3.3699, 2.4658,
2.4067

289.2880,

 1.3523, 0.8594,

281.3674, 299.6287

0.7901

344.0452,
336.1230, 358.3978

■ 0.2218, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5015, 52.8106,
55.3069

■ 57.5015, 52.8106,
55.3069

■ 51.3876, 43.5979,
43.9728

■ 64.6324, 63.6450,
68.2486

■ 46.2396, 35.9218,
34.1799

■ 72.8194, 76.1666,
82.8544

■ 42.0087, 29.7006,
25.8619

■ 82.1050, 90.4457,
99.1817

■ 38.6398, 24.8419,
18.9463

■ 85.8052, 95.2341,
108.4673

■ 36.0720, 21.2425,
13.3544

■ 34.2360, 18.7846,
8.9993

■ 33.0501, 17.3279,
5.7833

■ 32.4264, 16.6666,
3.7679

Harmonies

Analogous

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



56.9050, 52.8106, 65.9519



57.5015, 52.8106, 55.3069



56.0651, 52.8106, 46.3881

Triad

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



57.5015, 52.8106, 55.3069



46.1474, 52.8106, 42.7788



47.4305, 52.8106, 77.9578

Complementary

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



57.5015, 52.8106, 55.3069



59.3541, 70.3060, 77.4634

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.



44.7495, 52.8106, 70.2622



57.5015, 52.8106, 55.3069



44.0342, 52.8106, 49.8061

Square

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



57.5015, 52.8106, 55.3069



49.4225, 52.8106, 39.7425



43.5350, 52.8106, 59.7539



50.9752, 52.8106, 79.8916

Rectangle

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



57.5015, 52.8106, 55.3069



54.1871, 52.8106, 42.3348



43.5350, 52.8106, 59.7539



46.4037, 52.8106, 75.9172

Sweetspot

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



57.5030, 52.8130, 55.3080



88.4243, 89.8487, 97.1342



59.3598, 53.2136, 80.5421



18.7786, 19.0053, 20.5269



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.



57.5030, 52.8130, 55.3080



70.7286, 62.9520, 65.0473



59.6158, 58.5533, 51.3427



14.4868, 14.4119, 15.4979



18.7560, 9.6366, 2.3441



1.4176, 0.7248, 0.3397

Inverse Universe

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



57.5030, 52.8130, 55.3080



70.7286, 62.9520, 65.0473



56.7734, 63.1975, 82.6055



14.4868, 14.4119, 15.4979



18.7560, 9.6366, 2.3441



1.4176, 0.7248, 0.3397

Previews

White Background



This preview shows how the XYZ color 57.5015, 52.8106, 55.3069 looks on a white background.

Color Contrast Check

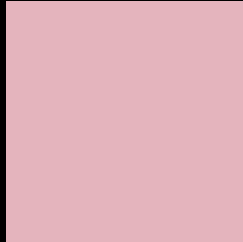
Large Text (above 18pt) WCAG AA × Fail

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 57.5015, 52.8106, 55.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

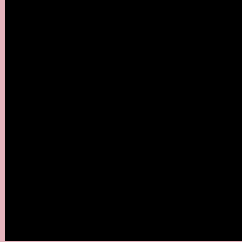
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5015, 52.8106, 55.3069

Background



This preview shows how black text looks on a background with the XYZ color 57.5015, 52.8106, 55.3069.



This preview shows how white text looks on a background with the XYZ color 57.5015, 52.8106,

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

57.5015, 52.8106, 55.3069

Protanopia

51.1003, 52.8492, 59.7322

Deuteranopia

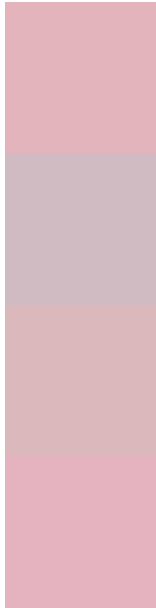
54.0766, 52.8948, 54.9365



Tritanopia

58.0588, 52.7485, 57.5735

Trichromacy



Original Color

57.5015, 52.8106, 55.3069

Protanomaly

53.1281, 52.6563, 57.8156

Deuteranomaly

55.1310, 52.8172, 54.8660

Tritanomaly

57.9476, 52.7040, 56.9879

Monochromacy



Original Color

57.5015, 52.8106, 55.3069

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7712, 53.9426, 58.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5015, 52.8106, 55.3069 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(228, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 189)  
}
```

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(228, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.5015, 52.8106, 55.3069 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(228, 180, 189) }
```


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

```
.border{ border-color:rgb(228, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 180, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 180, 189); box-shadow:4px 4px 4px 4px rgb(228, 180, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5015, 52.8106, 55.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 189) }
```

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

```
.background{ background-color: rgb(228,  
180, 189) }
```

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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