

Converting Colors

XYZ(60.5483, 52.9403, 59.6851)

Have a look what the booklet for
XYZ(60.5483, 52.9403, 59.6851)
contains.

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Color

**XYZ(60.3331, 52.6957,
59.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAFC5
RGB	237, 175, 197
RGB Percent	93%, 69%, 77%
CMY	0.0706, 0.3137, 0.2274
CMYK	0.00, 0.26, 0.17, 0.07
HSL	339°, 63%, 81%
HSV	339°, 26%, 93%
XYZ	60.3331, 52.6957, 59.8147
YIQ	196.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

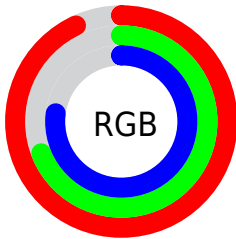
Format	Color
R _Y B	237, 175, 197
Decimal	15577029
CIE Lab	77.69, 25.85, -2.26
CIE LCh	78, 25.951, 355.012
Yxy	52.6957, 0.3491, 0.3049
Android (android.graphics.Color)	4293767109 (0xFFEDAFC5)
YUV	196.0460, 0.4703, 35.9167
Hunter-Lab	72.5918, 21.3207, 1.9601

Details

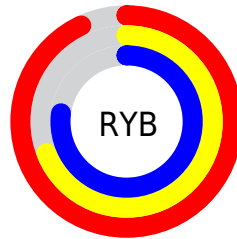
The XYZ color **60.3331, 52.6957, 59.8147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2313, 74.5901, 75.5164**, and the grayscale version is **52.4829, 55.2161, 60.1304**.

A 20% lighter version of the original color is **87.7053, 85.5676, 105.6596**, and **30.7398, 25.6055, 29.3088** is the 20% darker color. If you saturate the color by 10%, you get **54.4547, 43.6018, 49.6447**, and if you desaturate by 10%, it is **67.2018, 63.4845, 71.1929**.

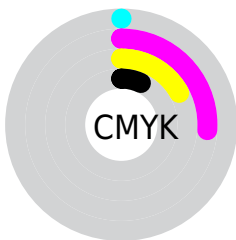
Distribution



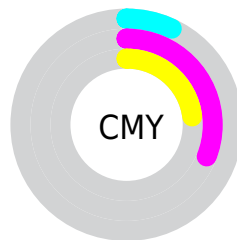
- Red (93%)
- Green (69%)
- Blue (77%)



- Red (93%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3331, 52.6957, 59.8147 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 60.3331, 52.6957, 59.8147 by changing the saturation by 10% instead.


 60.3331, 52.6957,
59.8147

 60.3331, 52.6957,
59.8147


415.6396,
397.1166, 441.7001

 43.9377, 37.5599,
42.8450


 104.4163, 94.1564,
106.1016

 30.8192, 25.6413,
29.4330


132.8348,
121.2502, 136.2558

 20.6124, 16.5555,
19.1602


165.9917,
153.0987, 171.6419

 12.9518, 9.9181,
11.6081

204.2523,
190.0864, 212.6785

 7.4721, 5.3447,
6.3582

247.9821,
232.5976, 259.7840

 3.8080, 2.4509,
2.9918

297.5463,

 1.5941, 0.8519,

281.0168, 313.3771

1.0904

353.3104,
335.7283, 373.8763

■ 0.3886, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3331, 52.6957,
59.8147

■ 60.3331, 52.6957,
59.8147

■ 54.4547, 43.6018,
49.6447

■ 67.2018, 63.4845,
71.1929

■ 49.5145, 36.1089,
40.6379

■ 75.1005, 76.0415,
83.8157

■ 45.4624, 30.1248,
32.7507

■ 84.0722, 90.4442,
97.7219

■ 42.2413, 25.5450,
25.9355

■ 88.7353, 96.7447,
108.6045

■ 39.7874, 22.2516,
20.1408

■ 38.0266, 20.1067,
15.3095

■ 36.8680, 18.9398,
11.3767

■ 36.5289, 18.6461,
10.0790

Harmonies

Analogous

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



58.4196, 52.6957, 74.7376



60.3331, 52.6957, 59.8147



59.3547, 52.6957, 46.4615

Triad

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



60.3331, 52.6957, 59.8147



46.1133, 52.6957, 35.7892



44.7508, 52.6957, 83.1431

Complementary

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



60.3331, 52.6957, 59.8147



60.2313, 74.5901, 75.5164

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.



41.8356, 52.6957, 69.8799



60.3331, 52.6957, 59.8147



42.5846, 52.6957, 42.9367

Square

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



60.3331, 52.6957, 59.8147



50.9299, 52.6957, 34.0031



41.0697, 52.6957, 55.0058



49.2509, 52.6957, 89.5671

Rectangle

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



60.3331, 52.6957, 59.8147



57.2262, 52.6957, 39.9578



41.0697, 52.6957, 55.0058



43.5653, 52.6957, 79.2394

Sweetspot

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



60.3346, 52.6981, 59.8158



86.8366, 86.8489, 96.0635



58.4275, 51.1133, 86.9078



18.2756, 18.0935, 20.0682



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.



60.3346, 52.6981, 59.8158



67.6542, 56.6505, 64.4933



59.6534, 55.0792, 48.0477



15.2862, 15.1423, 16.7925



19.9999, 10.2027, 5.8009



1.6148, 0.8189, 0.6890

Inverse Universe

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



60.3346, 52.6981, 59.8158



67.6542, 56.6505, 64.4933



60.9127, 71.1211, 90.6387



15.2862, 15.1423, 16.7925



19.9999, 10.2027, 5.8009



1.6148, 0.8189, 0.6890

Previews

White Background



This preview shows how the XYZ color 60.3331, 52.6957, 59.8147 looks on a white background.

Color Contrast Check

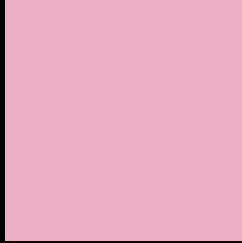
Large Text (above 18pt) WCAG AA × Fail

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 60.3331, 52.6957, 59.8147 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 60.3331, 52.6957, 59.8147

Background



This preview shows how black text looks on a background with the XYZ color 60.3331, 52.6957, 59.8147.



This preview shows how white text looks on a background with the XYZ color 60.3331, 52.6957,

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

60.3331, 52.6957, 59.8147

Protanopia

51.6315, 52.9731, 66.5350

Deuteranopia

53.9876, 52.7596, 58.9679



Tritanopia

59.4117, 52.6012, 55.7369

Trichromacy



Original Color

60.3331, 52.6957, 59.8147

Protanomaly

54.1409, 52.4196, 63.7644

Deuteranomaly

56.2070, 52.6571, 59.4260

Tritanomaly

59.7430, 52.7338, 57.4819

Monochromacy



Original Color

60.3331, 52.6957, 59.8147

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.8110, 53.8008, 59.7203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3331, 52.6957, 59.8147 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(237, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 175, 197)  
}
```

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(237, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 175, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.3331, 52.6957, 59.8147 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(237, 175, 197) }
```


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

```
.border{ border-color:rgb(237, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 175,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3331, 52.6957, 59.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 175, 197) }
```

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

```
.background{ background-color: rgb(237,  
175, 197) }
```

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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