

Converting Colors

XYZ(59.7953, 57.4666, 47.2323)

Have a look what the booklet for
XYZ(59.7953, 57.4666, 47.2323)
contains.

XYZ(60.1053, 57.7712, 47.5182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.1053, 57.7712,
47.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	EABFAD
RGB	234, 191, 173
RGB Percent	92%, 75%, 68%
CMY	0.0824, 0.2510, 0.3216
CMYK	0.00, 0.18, 0.26, 0.08
HSL	18°, 59%, 80%
HSV	18°, 26%, 92%
XYZ	60.1053, 57.7712, 47.5182
YIQ	201.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

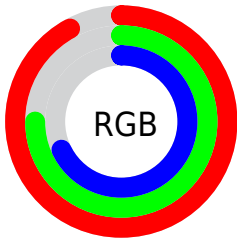
Format	Color
R_{YB}	234, 199, 173
Decimal	15384493
CIE _{Lab}	80.61, 12.74, 14.87
CIE _{LCh}	81, 19.580, 49.406
Yxy	57.7712, 0.3634, 0.3493
Android (android.graphics.Color)	4293574573 (0xFFEABFAD)
YUV	201.8050, -14.2009, 28.2350
Hunter-Lab	76.0074, 8.1418, 16.1383

Details

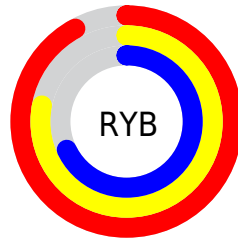
The XYZ color **60.1053, 57.7712, 47.5182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6400, 63.9345, 87.1974**, and the grayscale version is **56.0908, 59.0119, 64.2639**.

A 20% lighter version of the original color is **88.5044, 93.3830, 86.7588**, and **30.6711, 28.9045, 22.0518** is the 20% darker color. If you saturate the color by 10%, you get **54.6400, 50.1523, 35.4867**, and if you desaturate by 10%, it is **66.3753, 66.3642, 61.7757**.

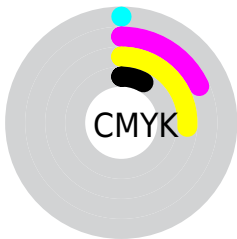
Distribution



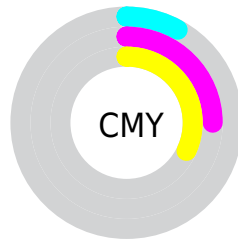
- Red (92%)
- Green (75%)
- Blue (68%)



- Red (92%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1053, 57.7712, 47.5182 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 60.1053, 57.7712, 47.5182 by changing the saturation by 10% instead.


 60.1053, 57.7712,
47.5182

 60.1053, 57.7712,
47.5182


414.8143,
416.3328, 393.3327

 43.7533, 41.6247,
33.0882


 104.0879,
101.5896, 87.8447

 30.6737, 28.8076,
21.9224


132.4492,
130.0303, 114.5783

 20.5011, 18.9353,
13.6021


165.5443,
163.3379, 146.2501

 12.8702, 11.6235,
7.7089

203.7385,
201.8968, 183.2788

 7.4156, 6.4879,
3.8241

247.3973,
246.0913, 226.0829

 3.7720, 3.1440,
1.5294

296.8860,

 1.5740, 1.2073,

296.3059, 275.0809

0.2397

352.5698,
352.9249, 330.6913

■ 0.3753, 0.0677,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1053, 57.7712,
47.5182

■ 60.1053, 57.7712,
47.5182

■ 54.6400, 50.1523,
35.4867

■ 66.3753, 66.3642,
61.7757

■ 49.9409, 43.4644,
25.5642

■ 73.4774, 75.9565,
78.3608

■ 45.9727, 37.6731,
17.6284

■ 81.4431, 86.5822,
97.3732

■ 42.6955, 32.7384,
11.5428

■ 87.7418, 96.2325,
108.5580

■ 40.0653, 28.6174,
7.1536

■ 38.0319, 25.2624,
4.2814

■ 36.5360, 22.6202,
2.7047

■ 36.0641, 21.7571,
2.2987

Harmonies

Analogous

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



62.5437, 57.7712, 55.8170



60.1053, 57.7712, 47.5182



56.3461, 57.7712, 43.5216

Triad

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



60.1053, 57.7712, 47.5182



47.6430, 57.7712, 58.9125



57.5236, 57.7712, 86.2297

Complementary

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



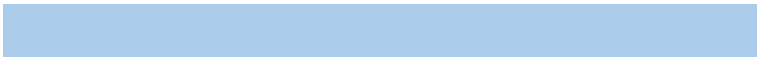
60.1053, 57.7712, 47.5182



56.6400, 63.9345, 87.1974

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.



53.4981, 57.7712, 87.3229



60.1053, 57.7712, 47.5182



47.9238, 57.7712, 70.5648

Square

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



60.1053, 57.7712, 47.5182



49.2360, 57.7712, 49.5454



50.0227, 57.7712, 81.2946



61.0035, 57.7712, 78.4686

Rectangle

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



60.1053, 57.7712, 47.5182



53.6537, 57.7712, 43.4592



50.0227, 57.7712, 81.2946



56.1854, 57.7712, 87.4223

Sweetspot

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



60.1068, 57.7739, 47.5194



87.5210, 89.9217, 91.0384



61.3632, 52.3752, 72.3282



18.4462, 18.8607, 18.8126



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.



60.1068, 57.7739, 47.5194



69.5600, 65.3696, 49.9997



67.2741, 72.1085, 49.9085



15.4278, 15.7786, 15.7512



20.3610, 12.4162, 1.3234



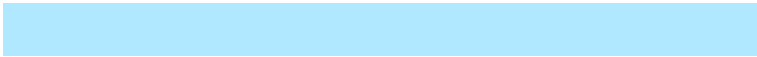
1.6797, 1.1367, 0.1309

Inverse Universe

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



56.6400, 63.9345, 87.1974



64.7063, 73.9705, 105.4751



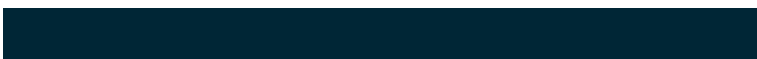
49.6901, 50.0346, 84.8808



15.1205, 16.3274, 19.2768



16.0141, 18.6753, 46.5036



1.3403, 1.6320, 3.6793

Previews

White Background



This preview shows how the XYZ color 60.1053, 57.7712, 47.5182 looks on a white background.

Color Contrast Check

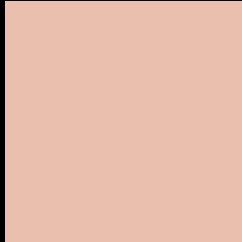
Large Text (above 18pt) WCAG AA × Fail

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 60.1053, 57.7712, 47.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

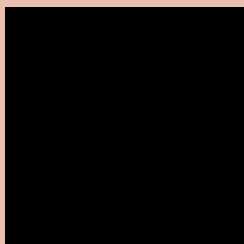
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1053, 57.7712, 47.5182

Background



This preview shows how black text looks on a background with the XYZ color 60.1053, 57.7712, 47.5182.



This preview shows how white text looks on a background with the XYZ color 60.1053, 57.7712,

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

60.1053, 57.7712, 47.5182

Protanopia

54.8846, 58.0382, 49.9047

Deuteranopia

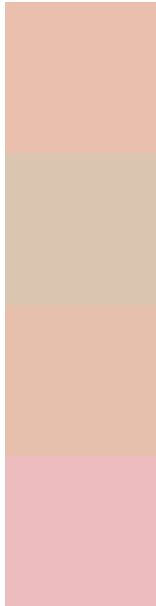
59.2459, 57.9801, 47.6038



Tritanopia

63.2380, 57.7622, 63.0746

Trichromacy



Original Color

60.1053, 57.7712, 47.5182

Protanomaly

56.7162, 57.9725, 49.2748

Deuteranomaly

59.3475, 57.7053, 47.5455

Tritanomaly

61.9793, 57.5609, 57.1339

Monochromacy



Original Color

60.1053, 57.7712, 47.5182

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3296, 58.4459, 57.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1053, 57.7712, 47.5182 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(234, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 173)  
}
```

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(234, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.1053, 57.7712, 47.5182 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(234, 191, 173) }
```


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

```
.border{ border-color:rgb(234, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1053, 57.7712, 47.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 173) }
```

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

```
.background{ background-color: rgb(234,  
191, 173) }
```

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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