

Converting Colors

XYZ(60.1603, 56.1162, 51.3768)

Have a look what the booklet for
XYZ(60.1603, 56.1162, 51.3768)
contains.

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Color

**XYZ(60.1603, 56.1162,
51.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBAB5
RGB	235, 186, 181
RGB Percent	92%, 73%, 71%
CMY	0.0784, 0.2706, 0.2902
CMYK	0.00, 0.21, 0.23, 0.08
HSL	6°, 57%, 82%
HSV	6°, 23%, 92%
XYZ	60.1603, 56.1162, 51.3768
YIQ	200.0810, 30.8090, 8.8330

Conversions

Conversions Part 2

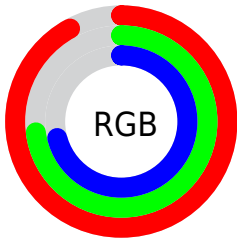
Format	Color
R _Y B	235, 187, 181
Decimal	15448757
CIE Lab	79.68, 16.89, 9.26
CIE LCh	80, 19.259, 28.744
Yxy	56.1162, 0.3588, 0.3347
Android (android.graphics.Color)	4293638837 (0xFFE8B85)
YUV	200.0810, -9.4069, 30.6240
Hunter-Lab	74.9107, 12.2583, 11.7741

Details

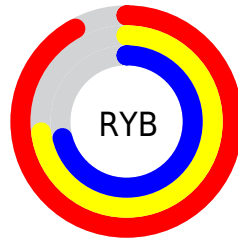
The XYZ color **60.1603, 56.1162, 51.3768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.3474, 72.4133, 89.2885**, and the grayscale version is **54.9937, 57.8577, 63.0070**.

A 20% lighter version of the original color is **88.2782, 90.8787, 93.0093**, and **30.6439, 27.7985, 24.1726** is the 20% darker color. If you saturate the color by 10%, you get **53.7879, 46.9101, 38.3428**, and if you desaturate by 10%, it is **67.6127, 66.8307, 66.7786**.

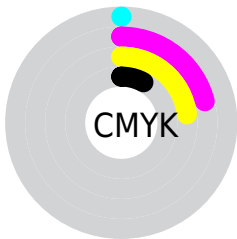
Distribution



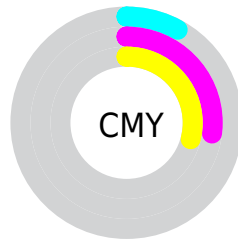
- Red (92%)
- Green (73%)
- Blue (71%)



- Red (92%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1603, 56.1162, 51.3768 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 60.1603, 56.1162, 51.3768 by changing the saturation by 10% instead.


 60.1603, 56.1162,
51.3768

 60.1603, 56.1162,
51.3768


415.0137,
410.1293, 408.9142

 43.7978, 40.2961,
36.1298


 104.1672, 99.1745,
93.6287

 30.7088, 27.7695,
24.2439


132.5423,
127.1814, 121.4706

 20.5280, 18.1520,
15.3008


165.6523,
160.0194, 154.3480

 12.8899, 11.0591,
8.8818

203.8626,
198.0729, 192.6792

 7.4292, 6.1066,
4.5684

247.5386,
241.7262, 236.8829

 3.7807, 2.9100,
1.9421

297.0455,

 1.5788, 1.0849,

291.3638, 287.3776

0.5193

352.7487,
347.3700, 344.5819

■ 0.3785, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1603, 56.1162,
51.3768

■ 60.1603, 56.1162,
51.3768

■ 53.7879, 46.9101,
38.3428

■ 67.6127, 66.8307,
66.7786

■ 48.4411, 39.1372,
27.5559

■ 76.1874, 79.1089,
84.6539

■ 44.0673, 32.7278,
18.8899

■ 85.9298, 93.0128,
105.1061

■ 40.6077, 27.6030,
12.2048

■ 88.0710, 96.4022,
108.5734

■ 37.9969, 23.6759,
7.3437

■ 36.1608, 20.8489,
4.1260

■ 35.0122, 19.0089,
2.3338

■ 34.5437, 18.2276,
1.6976

Harmonies

Analogous

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



61.1615, 56.1162, 61.5715



60.1603, 56.1162, 51.3768



57.3086, 56.1162, 44.5720

Triad

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



60.1603, 56.1162, 51.3768



47.2006, 56.1162, 50.6561



53.1731, 56.1162, 85.0905

Complementary

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



60.1603, 56.1162, 51.3768



62.3474, 72.4133, 89.2885

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.



49.5528, 56.1162, 81.2816



60.1603, 56.1162, 51.3768



46.2096, 56.1162, 60.6329

Square

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



60.1603, 56.1162, 51.3768



49.8235, 56.1162, 44.1928



47.0497, 56.1162, 71.9808



57.0114, 56.1162, 81.8505

Rectangle

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



60.1603, 56.1162, 51.3768



54.8087, 56.1162, 42.4239



47.0497, 56.1162, 71.9808



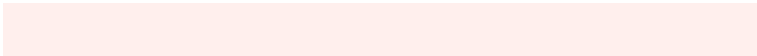
51.8914, 56.1162, 84.5846

Sweetspot

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



60.1618, 56.1188, 51.3780



87.3572, 89.0017, 92.8105



65.1385, 56.4519, 82.6949



18.5630, 18.8567, 19.5836



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.



60.1618, 56.1188, 51.3780



68.3104, 61.6250, 53.4223



66.2705, 68.3362, 53.4142



15.1777, 15.2784, 15.6678



19.2648, 10.2239, 0.9580



1.5511, 0.8796, 0.0880

Inverse Universe

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



62.3474, 72.4133, 89.2885



71.4067, 84.7314, 107.1990



55.5262, 58.7710, 87.0148



15.3914, 16.8692, 19.3671



21.6695, 29.9861, 48.3888



1.7365, 2.4244, 3.8113

Previews

White Background



This preview shows how the XYZ color 60.1603, 56.1162, 51.3768 looks on a white background.

Color Contrast Check

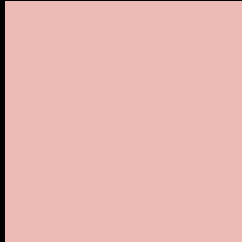
Large Text (above 18pt) WCAG AA × Fail

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 60.1603, 56.1162, 51.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

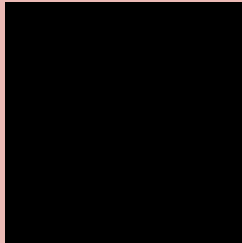
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1603, 56.1162, 51.3768

Background



This preview shows how black text looks on a background with the XYZ color 60.1603, 56.1162, 51.3768.



This preview shows how white text looks on a background with the XYZ color 60.1603, 56.1162,

51.3768.

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

60.1603, 56.1162, 51.3768

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

57.3004, 56.2449, 51.0163



Tritanopia

62.0516, 55.9487, 60.9548

Trichromacy



Original Color

60.1603, 56.1162, 51.3768

Protanomaly

55.8513, 56.0898, 53.7817

Deuteranomaly

58.1144, 56.0214, 50.9303

Tritanomaly

61.2470, 55.9196, 57.4347

Monochromacy



Original Color

60.1603, 56.1162, 51.3768

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5813, 57.0266, 58.4772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1603, 56.1162, 51.3768 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(235, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 181)  
}
```

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(235, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 181) }
```

Border

The CSS property to change the border of an element to XYZ 60.1603, 56.1162, 51.3768 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(235, 186, 181) }
```


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

```
.border{ border-color:rgb(235, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1603, 56.1162, 51.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 181) }
```

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

```
.background{ background-color: rgb(235,  
186, 181) }
```

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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