

Converting Colors

XYZ(60.4852, 60.0979, 41.2130)

Have a look what the booklet for
XYZ(60.4852, 60.0979, 41.2130)
contains.

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Color

**XYZ(60.4852, 60.0979,
41.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC59F
RGB	235, 197, 159
RGB Percent	92%, 77%, 62%
CMY	0.0784, 0.2274, 0.3765
CMYK	0.00, 0.16, 0.32, 0.08
HSL	30°, 66%, 77%
HSV	30°, 32%, 92%
XYZ	60.4852, 60.0979, 41.2130
YIQ	204.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

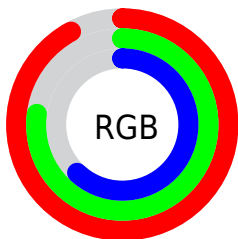
Format	Color
R _Y B	235, 235, 159
Decimal	15451551
CIE Lab	81.89, 8.13, 24.11
CIE LCh	82, 25.438, 71.372
Yxy	60.0979, 0.3738, 0.3714
Android (android.graphics.Color)	4293641631 (0xFFEBC59F)
YUV	204.0300, -22.1998, 27.1607
Hunter-Lab	77.5228, 3.6051, 22.7460

Details

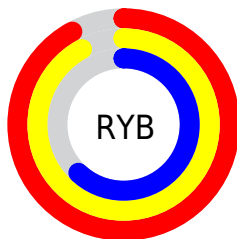
The XYZ color **60.4852, 60.0979, 41.2130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2591, 53.2998, 86.2890**, and the grayscale version is **57.5353, 60.5316, 65.9189**.

A 20% lighter version of the original color is **88.8194, 96.9987, 77.6597**, and **30.8364, 30.1714, 18.1083** is the 20% darker color. If you saturate the color by 10%, you get **56.0725, 54.2314, 30.6197**, and if you desaturate by 10%, it is **65.4967, 66.5409, 53.9199**.

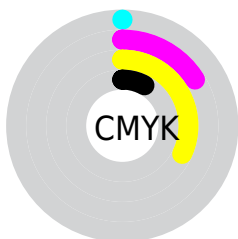
Distribution



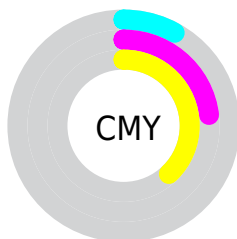
- Red (92%)
- Green (77%)
- Blue (62%)



- Red (92%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (8%)




- Cyan (8%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4852, 60.0979, 41.2130 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 60.4852, 60.0979, 41.2130 by changing the saturation by 10% instead.


 60.4852, 60.0979,
41.2130


 60.4852, 60.0979,
41.2130

416.1900,
424.9585, 366.9130

 44.0608, 43.4975,
28.1646


 104.6355,
104.9717, 78.2643

 30.9164, 30.2757,
18.2097


 133.0922,
134.0139, 103.1043

 20.6867, 20.0479,
10.9296


166.2903,
167.9722, 132.7119

 13.0064, 12.4299,
5.9059

204.5952,
207.2309, 167.5057

 7.5100, 7.0372,
2.7201

248.3723,
252.1745, 207.9041

 3.8322, 3.4854,
0.9535

297.9869,

 1.6076, 1.3901,

303.1874, 254.3258

0.0000

353.8043,
360.6540, 307.1893

■ 0.3974, 0.2094,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4852, 60.0979,
41.2130

■ 60.4852, 60.0979,
41.2130

■ 56.0725, 54.2314,
30.6197

■ 65.4967, 66.5409,
53.9199

■ 52.2271, 48.9149,
22.0186

■ 71.1271, 73.5692,
68.8451

■ 48.9215, 44.1316,
15.2816

■ 77.4014, 81.2022,
86.0906

■ 46.1235, 39.8605,
10.2641

■ 84.3414, 89.4553,
105.7512

■ 43.7964, 36.0786,
6.7996

■ 88.0710, 96.4022,
108.5734

■ 41.8971, 32.7598,
4.6874

■ 40.6826, 30.5053,
3.7439

Harmonies

Analogous

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



65.2300, 60.0979, 47.7644



60.4852, 60.0979, 41.2130



55.1084, 60.0979, 40.5050

Triad

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



60.4852, 60.0979, 41.2130



47.5799, 60.0979, 71.4452



64.2251, 60.0979, 90.2456

Complementary

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



60.4852, 60.0979, 41.2130



49.2591, 53.2998, 86.2890

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.



59.1825, 60.0979, 98.9396



60.4852, 60.0979, 41.2130



49.7140, 60.0979, 87.0044

Square

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



60.4852, 60.0979, 41.2130



47.8801, 60.0979, 56.4332



53.8844, 60.0979, 97.6683



67.4809, 60.0979, 75.3496

Rectangle

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



60.4852, 60.0979, 41.2130



51.9101, 60.0979, 43.2860



53.8844, 60.0979, 97.6683



62.6700, 60.0979, 94.0883

Sweetspot

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



60.4867, 60.1007, 41.2142



87.2799, 90.5993, 87.3826



56.7375, 46.4903, 58.8070



18.4614, 19.1220, 18.1056



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.



60.4867, 60.1007, 41.2142



69.1015, 67.4427, 40.6288



70.2275, 79.5821, 44.4611



15.6878, 16.2986, 15.8378



22.7694, 17.2331, 2.1262



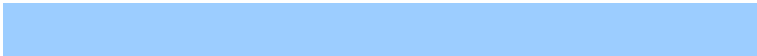
1.8842, 1.5456, 0.1990

Inverse Universe

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



49.2591, 53.2998, 86.2890



53.5689, 58.0342, 102.9861



41.6922, 38.1661, 83.7667



14.8534, 15.7932, 19.1878



12.0452, 10.7374, 45.1806



1.0420, 1.0356, 3.5798

Previews

White Background



This preview shows how the XYZ color 60.4852, 60.0979, 41.2130 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 60.4852, 60.0979, 41.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

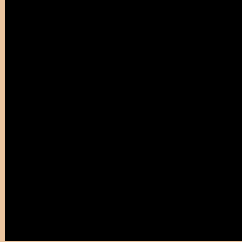
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4852, 60.0979, 41.2130

Background



This preview shows how black text looks on a background with the XYZ color 60.4852, 60.0979, 41.2130.



This preview shows how white text looks on a background with the XYZ color 60.4852, 60.0979,

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

60.4852, 60.0979, 41.2130

Protanopia

56.4928, 60.0722, 42.8000

Deuteranopia

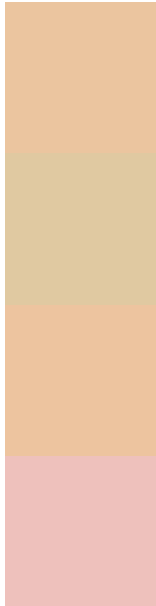
61.2578, 60.1602, 41.1843



Tritanopia

65.5854, 60.1946, 65.9196

Trichromacy



Original Color

60.4852, 60.0979, 41.2130

Protanomaly

58.0601, 60.1938, 42.2767

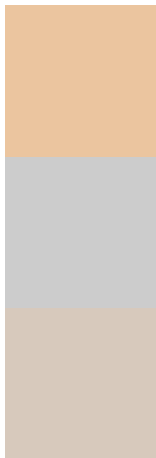
Deuteranomaly

60.9230, 59.9876, 41.1687

Tritanomaly

63.4070, 59.9479, 55.8061

Monochromacy



Original Color

60.4852, 60.0979, 41.2130

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9881, 59.8512, 56.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4852, 60.0979, 41.2130 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, 197, 159)` looks like.

```
.text, #text, p{  
    color:rgb(235, 197, 159)  
}
```

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, 197, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 197, 159) }
```

Border

The CSS property to change the border of an element to XYZ 60.4852, 60.0979, 41.2130 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, 197, 159) }
```


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

```
.border{ border-color:rgb(235, 197, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 197, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 197, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 197, 159);  
box-shadow:4px 4px 4px 4px rgb(235, 197,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4852, 60.0979, 41.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 197, 159) }
```

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

```
.background{ background-color: rgb(235,  
197, 159) }
```

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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