

Converting Colors

XYZ(58.9180, 60.8027, 41.3725)

Have a look what the booklet for
XYZ(58.9180, 60.8027, 41.3725)
contains.

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Color

**XYZ(58.8232, 60.6074,
41.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C99F
RGB	227, 201, 159
RGB Percent	89%, 79%, 62%
CMY	0.1098, 0.2117, 0.3765
CMYK	0.00, 0.11, 0.30, 0.11
HSL	37°, 55%, 76%
HSV	37°, 30%, 89%
XYZ	58.8232, 60.6074, 41.3990
YIQ	203.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

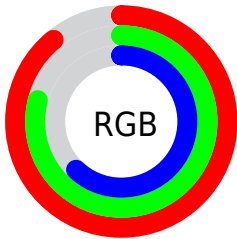
Format	Color
R_{YB}	201, 227, 159
Decimal	14928287
CIE _{Lab}	82.17, 2.96, 24.36
CIE _{LCh}	82, 24.543, 83.071
Yxy	60.6074, 0.3657, 0.3768
Android (android.graphics.Color)	4293118367 (0xFFE3C99F)
YUV	203.9860, -22.1781, 20.1833
Hunter-Lab	77.8508, -1.3661, 22.9667

Details

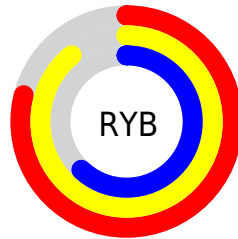
The XYZ color **58.8232, 60.6074, 41.3990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5117, 47.6135, 79.4647**, and the grayscale version is **57.5099, 60.5049, 65.8898**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **29.8821, 30.5869, 18.2388** is the 20% darker color. If you saturate the color by 10%, you get **55.0658, 55.9606, 31.3044**, and if you desaturate by 10%, it is **63.0598, 65.6331, 53.4394**.

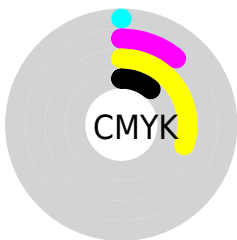
Distribution



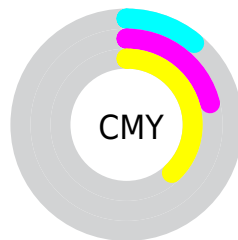
- Red (89%)
- Green (79%)
- Blue (62%)



- Red (79%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8232, 60.6074, 41.3990 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 58.8232, 60.6074, 41.3990 by changing the saturation by 10% instead.


 58.8232, 60.6074,
41.3990


 58.8232, 60.6074,
41.3990

410.1510,
426.8330, 367.7114

 42.7166, 43.9084,
28.3089


 102.2368,
105.7103, 78.5495

 29.8564, 30.5985,
18.3176

 130.2745,
134.8829, 103.4469

 19.8771, 20.2933,
11.0065


163.0199,
168.9823, 133.1173

 12.4135, 12.6084,
5.9570

200.8385,
208.3927, 167.9791

 7.1002, 7.1595,
2.7506

244.0955,
253.4986, 208.4509

 3.5717, 3.5620,
0.9687

293.1564,

 1.4628, 1.4317,

304.6844, 254.9511

0.0000

348.3864,
362.3344, 307.8985

■ 0.3003, 0.2399,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8232, 60.6074,
41.3990

■ 58.8232, 60.6074,
41.3990

■ 55.0658, 55.9606,
31.3044

■ 63.0598, 65.6331,
53.4394

■ 51.7612, 51.6726,
23.0467

■ 67.7912, 71.0403,
67.5189

■ 48.8873, 47.7338,
16.5122

■ 73.0376, 76.8421,
83.7293

■ 46.4180, 44.1305,
11.5727

■ 78.8168, 83.0486,
102.1556

■ 44.3236, 40.8475,
8.0818

■ 82.1981, 88.4900,
107.3557

■ 42.5691, 37.8677,
5.8658

■ 84.8767, 93.8471,
108.2486

■ 41.0955, 35.1638,
4.6243

■ 85.4886, 95.0709,
108.4525

■ 41.0893, 35.1522,
4.6194

Harmonies

Analogous

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



63.8403, 60.6074, 45.6004



58.8232, 60.6074, 41.3990



53.7661, 60.6074, 42.9469

Triad

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



58.8232, 60.6074, 41.3990



48.8669, 60.6074, 77.8921



65.9955, 60.6074, 84.7853

Complementary

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



58.8232, 60.6074, 41.3990



45.5117, 47.6135, 79.4647

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.



61.6235, 60.6074, 96.0823



58.8232, 60.6074, 41.3990



51.7905, 60.6074, 91.7019

Square

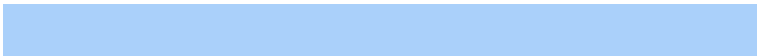
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8232, 60.6074, 41.3990



48.2170, 60.6074, 62.5883



56.4048, 60.6074, 98.7875



68.1399, 60.6074, 69.5152

Rectangle

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



58.8232, 60.6074, 41.3990



51.0278, 60.6074, 47.1634



56.4048, 60.6074, 98.7875



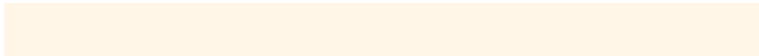
64.7255, 60.6074, 89.2616

Sweetspot

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



58.8248, 60.6102, 41.4003



88.8374, 93.1386, 89.6765



52.8412, 44.6335, 51.7666



18.8111, 19.7066, 18.5757



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.



58.8248, 60.6102, 41.4003



73.4375, 75.0490, 45.3597



62.9609, 72.5120, 43.4795



15.1146, 15.8431, 15.1659



24.0794, 20.7330, 2.7327



1.8685, 1.7103, 0.2316

Inverse Universe

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



45.5117, 47.6135, 79.4647



53.4564, 55.5500, 102.5125



42.1862, 38.5514, 77.8909



14.0322, 14.7858, 18.2587



10.1677, 7.3974, 43.2751



0.8389, 0.7217, 3.2271

Previews

White Background



This preview shows how the XYZ color 58.8232, 60.6074, 41.3990 looks on a white background.

Color Contrast Check

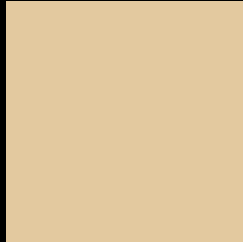
Large Text (above 18pt) WCAG AA × Fail

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 58.8232, 60.6074, 41.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

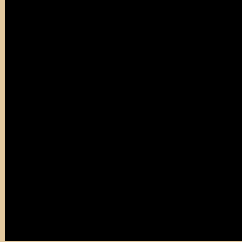
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8232, 60.6074, 41.3990

Background



This preview shows how black text looks on a background with the XYZ color 58.8232, 60.6074, 41.3990.



This preview shows how white text looks on a background with the XYZ color 58.8232, 60.6074,

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

58.8232, 60.6074, 41.3990

Protanopia

56.8515, 60.6292, 41.9639

Deuteranopia

61.6817, 60.3686, 41.6590



Tritanopia

64.4047, 60.5107, 68.6068

Trichromacy



Original Color

58.8232, 60.6074, 41.3990

Protanomaly

57.5199, 60.6221, 41.9273

Deuteranomaly

60.8002, 60.5884, 41.7479

Tritanomaly

62.3252, 60.6830, 57.7183

Monochromacy



Original Color

58.8232, 60.6074, 41.3990

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5844, 60.3398, 56.1887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8232, 60.6074, 41.3990 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(227, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 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(227, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.8232, 60.6074, 41.3990 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(227, 201, 159) }
```


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

```
.border{ border-color:rgb(227, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 201, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 201, 159); box-shadow:4px 4px 4px 4px rgb(227, 201, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8232, 60.6074, 41.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 159) }
```

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

```
.background{ background-color: rgb(227,  
201, 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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