

Converting Colors

XYZ(60.2733, 58.1295, 42.6790)

Have a look what the booklet for
XYZ(60.2733, 58.1295, 42.6790)
contains.

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Color

**XYZ(60.3855, 58.3481,
42.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0A3
RGB	237, 192, 163
RGB Percent	93%, 75%, 64%
CMY	0.0706, 0.2470, 0.3608
CMYK	0.00, 0.19, 0.31, 0.07
HSL	24°, 67%, 78%
HSV	24°, 31%, 93%
XYZ	60.3855, 58.3481, 42.7300
YIQ	202.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

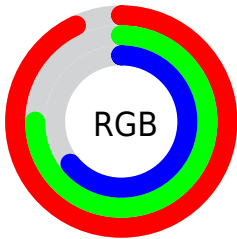
Format	Color
RYB	237, 211, 163
Decimal	15581347
CIELab	80.93, 12.02, 20.70
CIELCh	81, 23.937, 59.844
Yxy	58.3481, 0.3740, 0.3614
Android (android.graphics.Color)	4293771427 (0xFFEDC0A3)
YUV	202.1490, -19.3005, 30.5643
Hunter-Lab	76.3859, 7.4345, 20.3035

Details

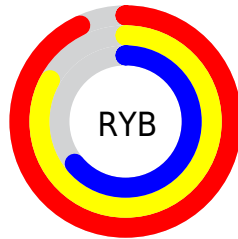
The XYZ color **60.3855, 58.3481, 42.7300** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9455, 59.0108, 88.7205**, and the grayscale version is **56.3342, 59.2679, 64.5428**.

A 20% lighter version of the original color is **87.4623, 93.4568, 79.7589**, and **30.9243, 29.3162, 19.0676** is the 20% darker color. If you saturate the color by 10%, you get **55.4473, 51.5574, 31.5710**, and if you desaturate by 10%, it is **66.0345, 65.9231, 56.0904**.

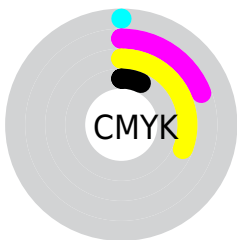
Distribution



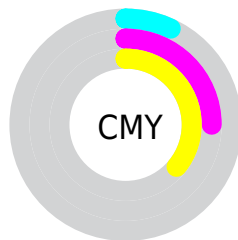
- Red (93%)
- Green (75%)
- Blue (64%)



- Red (93%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3855, 58.3481, 42.7300 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 60.3855, 58.3481, 42.7300 by changing the saturation by 10% instead.

 60.3855, 58.3481,
42.7300


 60.3855, 58.3481,
42.7300


415.8293,
418.4818, 373.3888

 43.9801, 42.0886,
29.3435


 104.4918,
102.4296, 80.5852

 30.8527, 29.1706,
19.0930


 132.9235,
131.0204, 105.8911

 20.6380, 19.2099,
11.5600


166.0946,
164.4903, 136.0071

 12.9706, 11.8221,
6.3260

204.3705,
203.2238, 171.3518

 7.4852, 6.6226,
2.9723

248.1165,
247.6054, 212.3438

 3.8163, 3.2272,
1.0805

297.6981,

 1.5988, 1.2515,

298.0193, 259.4016

0.0000

353.4806,
354.8499, 312.9437

■ 0.3916, 0.1032,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3855, 58.3481,
42.7300

■ 60.3855, 58.3481,
42.7300

■ 55.4473, 51.5574,
31.5710

■ 66.0345, 65.9231,
56.0904

■ 51.1843, 45.5163,
22.4896

■ 72.4189, 74.2994,
71.7598

■ 47.5643, 40.1990,
15.3550

■ 79.5674, 83.5038,
89.8427

■ 44.5501, 35.5752,
10.0198

■ 87.0515, 93.3774,
108.0433

■ 42.1000, 31.6118,
6.3154

■ 88.7351, 96.7445,
108.6045

■ 40.1656, 28.2719,
4.0399

■ 38.8301, 25.8147,
2.9362

Harmonies

Analogous

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



64.1434, 58.3481, 50.8917



60.3855, 58.3481, 42.7300



55.4840, 58.3481, 39.9563

Triad

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



60.3855, 58.3481, 42.7300



46.4621, 58.3481, 63.4570



60.3380, 58.3481, 90.2723

Complementary

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



60.3855, 58.3481, 42.7300



52.9455, 59.0108, 88.7205

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.



55.4322, 58.3481, 94.9255



60.3855, 58.3481, 42.7300



47.5946, 58.3481, 78.1072

Square

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



60.3855, 58.3481, 42.7300



47.6179, 58.3481, 50.7810



50.8063, 58.3481, 90.1786



64.1148, 58.3481, 78.2547

Rectangle

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



60.3855, 58.3481, 42.7300



52.2850, 58.3481, 41.1580



50.8063, 58.3481, 90.1786



58.7571, 58.3481, 92.8228

Sweetspot

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



60.3870, 58.3508, 42.7312



87.2813, 90.0265, 89.1578



59.4859, 48.7848, 66.3655



18.4280, 18.9405, 18.4480



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.



60.3870, 58.3508, 42.7312



67.7521, 64.0407, 42.3468



69.3805, 76.3378, 45.7290



15.5497, 16.0225, 15.7918



21.3187, 14.3317, 1.6427



1.7652, 1.3078, 0.1594

Inverse Universe

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



52.9455, 59.0108, 88.7205



57.7538, 64.9133, 104.0933



45.0738, 43.2673, 86.0966



14.9934, 16.0733, 19.2345



13.9308, 14.5087, 45.8092



1.1871, 1.3256, 3.6282

Previews

White Background



This preview shows how the XYZ color 60.3855, 58.3481, 42.7300 looks on a white background.

Color Contrast Check

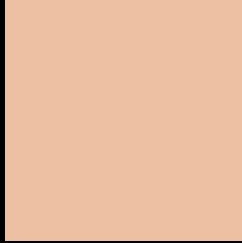
Large Text (above 18pt) WCAG AA × Fail

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 60.3855, 58.3481, 42.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

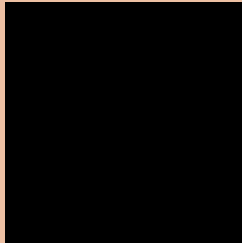
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3855, 58.3481, 42.7300

Background



This preview shows how black text looks on a background with the XYZ color 60.3855, 58.3481, 42.7300.



This preview shows how white text looks on a background with the XYZ color 60.3855, 58.3481,

42.7300.

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

60.3855, 58.3481, 42.7300

Protanopia

55.0131, 58.5604, 44.9630

Deuteranopia

59.6125, 58.2767, 42.7569



Tritanopia

64.5886, 58.4585, 63.1378

Trichromacy



Original Color

60.3855, 58.3481, 42.7300

Protanomaly

56.8958, 58.5135, 44.3719

Deuteranomaly

59.9418, 58.4464, 42.7723

Tritanomaly

63.1024, 58.5083, 54.9811

Monochromacy



Original Color

60.3855, 58.3481, 42.7300

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2955, 58.4661, 55.8422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3855, 58.3481, 42.7300 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, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 163)  
}
```

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, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 163) }
```

Border

The CSS property to change the border of an element to XYZ 60.3855, 58.3481, 42.7300 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, 192, 163) }
```


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

```
.border{ border-color:rgb(237, 192, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3855, 58.3481, 42.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 163) }
```

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

```
.background{ background-color: rgb(237,  
192, 163) }
```

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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