

Converting Colors

XYZ(58.2161, 57.1302, 32.3850)

Have a look what the booklet for
XYZ(58.2161, 57.1302, 32.3850)
contains.

XYZ(58.2161, 57.1302, 32.3850)	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(58.2161, 57.1302,
32.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBF8B
RGB	237, 191, 139
RGB Percent	93%, 75%, 55%
CMY	0.0706, 0.2510, 0.4549
CMYK	0.00, 0.19, 0.41, 0.07
HSL	32°, 73%, 74%
HSV	32°, 41%, 93%
XYZ	58.2161, 57.1302, 32.3850
YIQ	198.8260, 44.1080, -6.4200

Conversions

Conversions Part 2

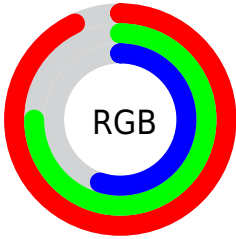
Format	Color
R _Y B	226, 237, 139
Decimal	15581067
CIE Lab	80.25, 9.74, 32.45
CIE LCh	80, 33.881, 73.290
Yxy	57.1302, 0.3941, 0.3867
Android (android.graphics.Color)	4293771147 (0xFFEDBF8B)
YUV	198.8260, -29.4942, 33.4786
Hunter-Lab	75.5845, 5.2099, 27.5057

Details

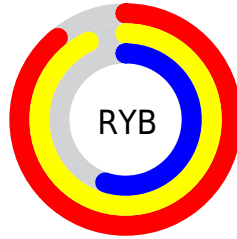
The XYZ color **58.2161, 57.1302, 32.3850** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.2819, 46.2998, 86.7764**, and the grayscale version is **54.3367, 57.1664, 62.2542**.

A 20% lighter version of the original color is **84.1264, 91.6318, 63.7048**, and **29.4403, 28.4652, 13.1752** is the 20% darker color. If you saturate the color by 10%, you get **54.3346, 51.8445, 23.4541**, and if you desaturate by 10%, it is **62.6601, 62.9400, 43.3565**.

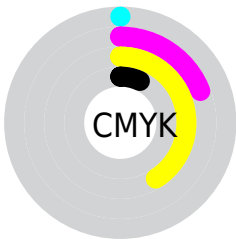
Distribution



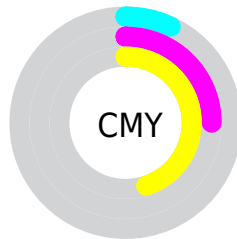
- Red (93%)
- Green (75%)
- Blue (55%)



- Red (89%)
- Yellow (93%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2161, 57.1302, 32.3850 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 58.2161, 57.1302, 32.3850 by changing the saturation by 10% instead.

58.2161, 57.1302,
32.3850

58.2161, 57.1302,
32.3850

407.9316,
413.9370, 327.4159

42.2263, 41.1098,
21.3885

101.3586,
100.6551, 64.5191

29.4704, 28.4049,
13.2143

129.2421,
128.9285, 86.4937

19.5831, 18.6311,
7.4438

161.8209,
162.0549, 112.9648

12.1988, 11.4040,
3.6585

199.4603,
200.4187, 144.3509

6.9524, 6.3393,
1.4400

242.5258,
244.4045, 181.0705

3.4784, 3.0525,
0.1726

291.3825,

1.4115, 1.1592,

294.3965, 223.5422

0.0000

346.3960,
350.7792, 272.1845

■ 0.2644, 0.0280,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2161, 57.1302,
32.3850

■ 58.2161, 57.1302,
32.3850

■ 54.3346, 51.8445,
23.4541

■ 62.6601, 62.9400,
43.3565

■ 50.9827, 47.0568,
16.4300

■ 67.6886, 69.2825,
56.4839

■ 48.1304, 42.7505,
11.1681

■ 73.3274, 76.1763,
71.8780

■ 45.7417, 38.9042,
7.5012

■ 79.5993, 83.6365,
89.6409

43.7743, 35.4938,
5.2293

86.1205, 91.5153,
107.7329

42.3562, 32.8669,
4.1115

88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



64.5708, 57.1302, 39.5674



58.2161, 57.1302, 32.3850



51.2995, 57.1302, 32.0056

Triad

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



58.2161, 57.1302, 32.3850



42.3554, 57.1302, 71.3806



63.9426, 57.1302, 94.2625

Complementary

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



58.2161, 57.1302, 32.3850



43.2819, 46.2998, 86.7764

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.



57.4164, 57.1302, 107.1390



58.2161, 57.1302, 32.3850



45.1815, 57.1302, 92.1569

Square

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



58.2161, 57.1302, 32.3850



42.5298, 57.1302, 51.8809



50.5646, 57.1302, 106.2955



68.0644, 57.1302, 73.8153

Rectangle

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



58.2161, 57.1302, 32.3850



47.3212, 57.1302, 35.4837



50.5646, 57.1302, 106.2955



61.9344, 57.1302, 99.7964

Sweetspot

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



58.2175, 57.1329, 32.3862



86.0972, 89.3602, 83.5162



53.0600, 40.0311, 51.5898



18.2339, 18.8915, 17.3375



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.



58.2175, 57.1329, 32.3862



64.6544, 61.9072, 28.7916



69.3267, 80.1572, 36.2448



15.7272, 16.3775, 15.8510



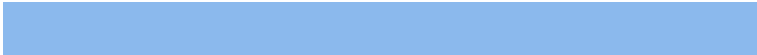
23.2577, 18.2096, 2.2890



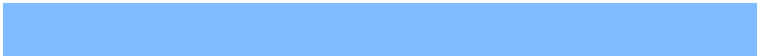
1.9225, 1.6223, 0.2118

Inverse Universe

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



43.2819, 46.2998, 86.7764



44.7197, 47.4557, 101.4106



35.4415, 30.2110, 84.0842



14.8141, 15.7146, 19.1747



11.5920, 9.8310, 45.0296



1.0058, 0.9631, 3.5678

Previews

White Background



This preview shows how the XYZ color 58.2161, 57.1302, 32.3850 looks on a white background.

Color Contrast Check

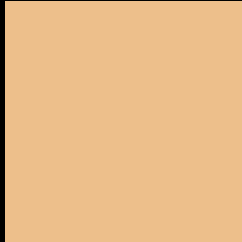
Large Text (above 18pt) WCAG AA × Fail

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 58.2161, 57.1302, 32.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

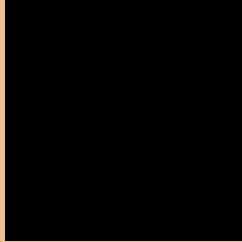
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2161, 57.1302, 32.3850

Background



This preview shows how black text looks on a background with the XYZ color 58.2161, 57.1302, 32.3850.



This preview shows how white text looks on a background with the XYZ color 58.2161, 57.1302,

32.3850.

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

58.2161, 57.1302, 32.3850

Protanopia

53.3302, 57.2469, 33.8301

Deuteranopia

58.5509, 57.3028, 32.4007



Tritanopia

63.9737, 56.9529, 60.4445

Trichromacy



Original Color

58.2161, 57.1302, 32.3850

Protanomaly

54.9791, 57.0909, 33.3212

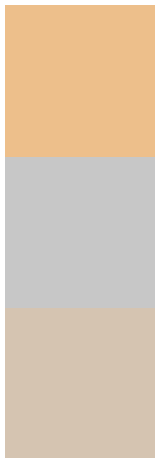
Deuteranomaly

58.5509, 57.3028, 32.4007

Tritanomaly

61.6710, 56.9532, 48.8169

Monochromacy



Original Color

58.2161, 57.1302, 32.3850

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1163, 56.8003, 49.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2161, 57.1302, 32.3850 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, 191, 139)` looks like.

```
.text, #text, p{  
    color:rgb(237, 191, 139)  
}
```

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, 191, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 191, 139) }
```

Border

The CSS property to change the border of an element to XYZ 58.2161, 57.1302, 32.3850 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, 191, 139) }
```


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

```
.border{ border-color:rgb(237, 191, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 191, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 191, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 191, 139); box-shadow:4px 4px 4px 4px rgb(237, 191, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2161, 57.1302, 32.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 191, 139) }
```

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

```
.background{ background-color: rgb(237,  
191, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor