

Converting Colors

XYZ(57.7517, 62.3474, 34.0111)

Have a look what the booklet for
XYZ(57.7517, 62.3474, 34.0111)
contains.

XYZ(57.8610, 62.3960, 34.1933)	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(57.8610, 62.3960,
34.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CF8D
RGB	224, 207, 141
RGB Percent	88%, 81%, 55%
CMY	0.1216, 0.1882, 0.4471
CMYK	0.00, 0.08, 0.37, 0.12
HSL	48°, 57%, 72%
HSV	48°, 37%, 88%
XYZ	57.8610, 62.3960, 34.1933
YIQ	204.5590, 31.3180, -16.9220

Conversions

Conversions Part 2

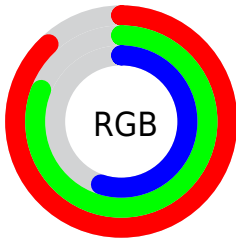
Format	Color
R _{YB}	162, 224, 141
Decimal	14733197
CIE Lab	83.12, -3.50, 34.96
CIE LCh	83, 35.134, 95.713
Yxy	62.3960, 0.3746, 0.4040
Android (android.graphics.Color)	4292923277 (0xFFE0CF8D)
YUV	204.5590, -31.3346, 17.0498
Hunter-Lab	78.9911, -7.4833, 29.6286

Details

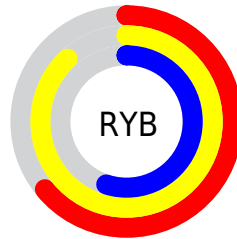
The XYZ color **57.8610, 62.3960, 34.1933** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6656, 35.4972, 75.4402**, and the grayscale version is **57.9282, 60.9450, 66.3691**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **29.3851, 31.8455, 14.2709** is the 20% darker color. If you saturate the color by 10%, you get **55.2654, 59.6077, 25.9203**, and if you desaturate by 10%, it is **60.8291, 65.3894, 44.2549**.

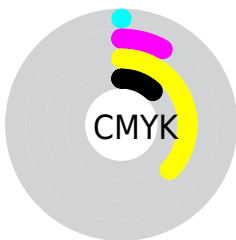
Distribution



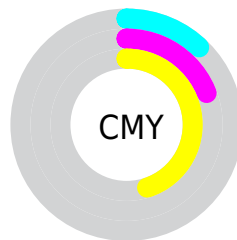
- Red (88%)
- Green (81%)
- Blue (55%)



- Red (64%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8610, 62.3960, 34.1933 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 57.8610, 62.3960, 34.1933 by changing the saturation by 10% instead.

■ 57.8610, 62.3960,
34.1933

■ 57.8610, 62.3960,
34.1933

406.6300,
433.3741, 335.7885

■ 41.9397, 45.3528,
22.7636

■ 100.8445,
108.2977, 67.3715

■ 29.2450, 31.7354,
14.2154

■ 128.6375,
137.9249, 89.9570

■ 19.4115, 21.1595,
8.1302

■ 161.1185,
172.5155, 117.0982

■ 12.0737, 13.2406,
4.0894

198.6527,
212.4540, 149.2137

■ 6.8665, 7.5944,
1.6745

241.6057,
258.1247, 186.7219

■ 3.4243, 3.8366,
0.3432

290.3426,

■ 1.3819, 1.5826,

309.9120, 230.0414

0.0000

345.2289,
368.2003, 279.5908

■ 0.2433, 0.3458,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8610, 62.3960,
34.1933

■ 57.8610, 62.3960,
34.1933

■ 55.2654, 59.6077,
25.9203

■ 60.8291, 65.3894,
44.2549

■ 53.0170, 57.0073,
19.3244


■ 64.1841, 68.5874,
56.1999


■ 51.0943, 54.5879,
14.2872


■ 67.9451, 72.0004,
70.1213


■ 49.4714, 52.3388,
10.6736

■ 72.1286, 75.6352,
86.1044


 48.1180, 50.2474,
8.3252

 76.7501, 79.4986,
104.2298


 46.9944, 48.2974,
7.0350

 78.3630, 82.2123,
106.3461

 46.6877, 47.7417,
6.7544

 79.6896, 84.8656,
106.7883

 81.0503, 87.5870,
107.2419

 82.4454, 90.3772,
107.7069

Harmonies

Analogous

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



65.5289, 62.3960, 36.4561



57.8610, 62.3960, 34.1933



51.1687, 62.3960, 39.2804

Triad

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



57.8610, 62.3960, 34.1933



48.2018, 62.3960, 95.4495



73.6657, 62.3960, 86.6709

Complementary

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



57.8610, 62.3960, 34.1933



36.6656, 35.4972, 75.4402

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.



68.2622, 62.3960, 107.9545



57.8610, 62.3960, 34.1933



53.4892, 62.3960, 113.7345

Square

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



57.8610, 62.3960, 34.1933



45.9064, 62.3960, 72.1956



60.7739, 62.3960, 118.7410



75.0869, 62.3960, 63.8523

Rectangle

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



57.8610, 62.3960, 34.1933



48.0202, 62.3960, 46.9626



60.7739, 62.3960, 118.7410



72.2335, 62.3960, 94.3819

Sweetspot

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



57.8626, 62.3989, 34.1946



89.0533, 94.7134, 86.2248



46.5224, 37.4003, 37.5610



18.9131, 20.1385, 17.9076



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.



57.8626, 62.3989, 34.1946



75.0468, 80.9652, 37.5797



55.4124, 67.5806, 35.3239



14.6210, 15.5279, 14.5334



27.2601, 27.9580, 3.9597



1.9504, 2.0597, 0.2948

Inverse Universe

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



36.6656, 35.4972, 75.4402



42.9382, 40.2320, 100.1102



38.3967, 32.3799, 74.7473



13.1783, 13.6956, 17.3366



8.4632, 4.3960, 41.4508



0.6505, 0.4325, 2.8944

Previews

White Background



This preview shows how the XYZ color 57.8610, 62.3960, 34.1933 looks on a white background.

Color Contrast Check

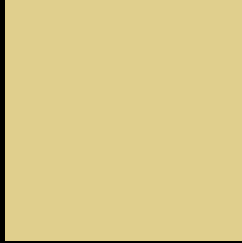
Large Text (above 18pt) WCAG AA × Fail

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 57.8610, 62.3960, 34.1933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

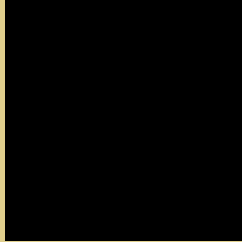
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8610, 62.3960, 34.1933

Background



This preview shows how black text looks on a background with the XYZ color 57.8610, 62.3960, 34.1933.



This preview shows how white text looks on a background with the XYZ color 57.8610, 62.3960,

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

57.8610, 62.3960, 34.1933

Protanopia

57.8610, 62.3960, 34.1933

Deuteranopia

63.5098, 62.1455, 34.6346



Tritanopia

65.4830, 62.3481, 71.5338

Trichromacy



Original Color

57.8610, 62.3960, 34.1933

Protanomaly

57.8610, 62.3960, 34.1933

Deuteranomaly

61.3657, 62.0770, 34.3389

Tritanomaly

62.1694, 62.0192, 55.7079

Monochromacy



Original Color

57.8610, 62.3960, 34.1933

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6662, 61.5171, 53.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8610, 62.3960, 34.1933 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(224, 207, 141)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 141)  
}
```

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(224, 207, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 141) }
```

Border

The CSS property to change the border of an element to XYZ 57.8610, 62.3960, 34.1933 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(224, 207, 141) }
```


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

```
.border{ border-color:rgb(224, 207, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 207, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 141);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8610, 62.3960, 34.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 141) }
```

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

```
.background{ background-color: rgb(224,  
207, 141) }
```

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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