

Converting Colors

XYZ(58.3069, 58.6135, 38.1542)

Have a look what the booklet for
XYZ(58.3069, 58.6135, 38.1542)
contains.

XYZ(58.3624, 58.7358, 37.9669)	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(58.3624, 58.7358,
37.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C498
RGB	231, 196, 152
RGB Percent	91%, 77%, 60%
CMY	0.0941, 0.2313, 0.4039
CMYK	0.00, 0.15, 0.34, 0.09
HSL	33°, 62%, 75%
HSV	33°, 34%, 91%
XYZ	58.3624, 58.7358, 37.9669
YIQ	201.4490, 34.9840, -6.2640

Conversions

Conversions Part 2

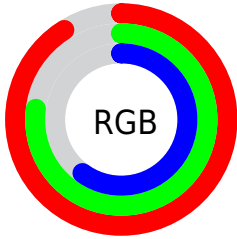
Format	Color
R _Y B	215, 231, 152
Decimal	15189144
CIE Lab	81.15, 6.25, 26.72
CIE LCh	81, 27.443, 76.844
Yxy	58.7358, 0.3764, 0.3788
Android (android.graphics.Color)	4293379224 (0xFFE7C498)
YUV	201.4490, -24.3784, 25.9162
Hunter-Lab	76.6393, 1.8127, 24.2754

Details

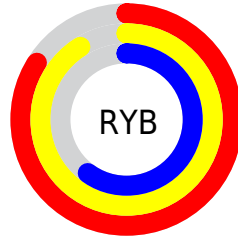
The XYZ color **58.3624, 58.7358, 37.9669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.1425, 47.9839, 82.4838**, and the grayscale version is **55.9288, 58.8415, 64.0784**.

A 20% lighter version of the original color is **87.6278, 96.0156, 72.9459**, and **29.4775, 29.2843, 16.4107** is the 20% darker color. If you saturate the color by 10%, you get **54.4221, 53.5937, 28.2109**, and if you desaturate by 10%, it is **62.8316, 64.3457, 49.7183**.

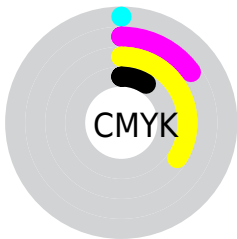
Distribution



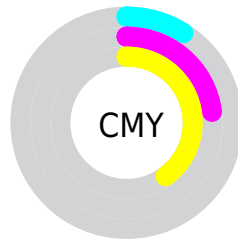
- Red (91%)
- Green (77%)
- Blue (60%)



- Red (84%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3624, 58.7358, 37.9669 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 58.3624, 58.7358, 37.9669 by changing the saturation by 10% instead.


 58.3624, 58.7358,
37.9669

 58.3624, 58.7358,
37.9669


408.4671,
419.9221, 352.7719

 42.3445, 42.4005,
25.6554


 101.5703,
102.9936, 73.2603

 29.5634, 29.4150,
16.3425


 129.4911,
131.6848, 97.0792

 19.6538, 19.3950,
9.6099


162.1101,
165.2635, 125.5710

 12.2505, 11.9560,
5.0389

199.7927,
204.1140, 159.1542

 6.9879, 6.7137,
2.2110

242.9044,
248.6207, 198.2473

 3.5008, 3.2837,
0.6807

291.8105,

 1.4238, 1.2816,

299.1680, 243.2690

0.0000

346.8762,
356.1404, 294.6376

■ 0.2731, 0.1269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3624, 58.7358,
37.9669

■ 58.3624, 58.7358,
37.9669

■ 54.4221, 53.5937,
28.2109

■ 62.8316, 64.3457,
49.7183

■ 50.9816, 48.8962,
20.3326

■ 67.8481, 70.4290,
63.5664

■ 48.0156, 44.6304,
14.2072

■ 73.4346, 77.0018,
79.6100

■ 45.4940, 40.7787,
9.6933

■ 79.6110, 84.0767,
97.9406

■ 43.3825, 37.3221,
6.6269

■ 84.3175, 90.8340,
107.6964

■ 41.6399, 34.2383,
4.8085

■ 86.7650, 95.7289,
108.5123

■ 40.7623, 32.6035,
4.1447

Harmonies

Analogous

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



63.6760, 58.7358, 43.6531



58.3624, 58.7358, 37.9669



52.7061, 58.7358, 38.3379

Triad

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



58.3624, 58.7358, 37.9669



45.9663, 58.7358, 73.5014



64.2227, 58.7358, 87.9547

Complementary

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



58.3624, 58.7358, 37.9669



45.1425, 47.9839, 82.4838

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.



59.0679, 58.7358, 99.0050



58.3624, 58.7358, 37.9669



48.6504, 58.7358, 89.7353

Square

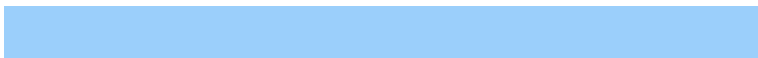
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3624, 58.7358, 37.9669



45.8059, 58.7358, 57.0618



53.3654, 58.7358, 99.7072



67.2115, 58.7358, 71.3785

Rectangle

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



58.3624, 58.7358, 37.9669



49.5001, 58.7358, 41.9507



53.3654, 58.7358, 99.7072



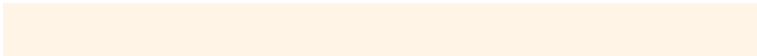
62.6705, 58.7358, 92.5532

Sweetspot

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



58.3639, 58.7385, 37.9681



87.7145, 91.4686, 87.5275



53.2123, 43.0575, 52.8299



18.5665, 19.3322, 18.1406



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.



58.3639, 58.7385, 37.9681



69.5051, 68.9242, 38.6849



65.9379, 75.7579, 40.8540



15.0395, 15.6928, 15.1408



22.9777, 18.5295, 2.3655



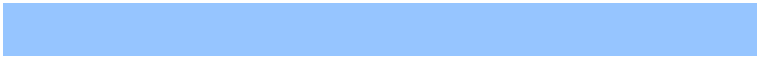
1.7902, 1.5538, 0.2056

Inverse Universe

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



45.1425, 47.9839, 82.4838



50.6231, 53.5716, 102.2800



39.3533, 35.2897, 80.3387



14.1057, 14.9327, 18.2832



10.8873, 8.8366, 43.5150



0.8959, 0.8357, 3.2461

Previews

White Background



This preview shows how the XYZ color 58.3624, 58.7358, 37.9669 looks on a white background.

Color Contrast Check

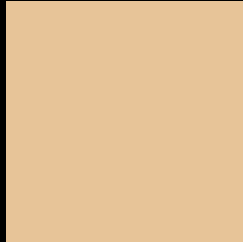
Large Text (above 18pt) WCAG AA × Fail

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 58.3624, 58.7358, 37.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

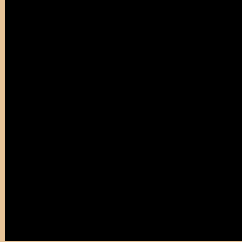
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3624, 58.7358, 37.9669

Background



This preview shows how black text looks on a background with the XYZ color 58.3624, 58.7358, 37.9669.



This preview shows how white text looks on a background with the XYZ color 58.3624, 58.7358,

37.9669.

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

58.3624, 58.7358, 37.9669

Protanopia

54.7437, 58.5535, 38.9885

Deuteranopia

59.7448, 58.4444, 38.2690



Tritanopia

64.0217, 58.7594, 65.0941

Trichromacy



Original Color

58.3624, 58.7358, 37.9669

Protanomaly

55.9920, 58.5189, 38.4812

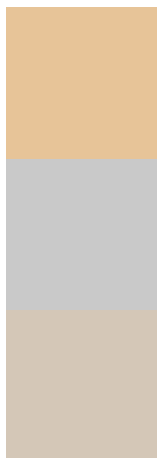
Deuteranomaly

59.3025, 58.5456, 38.3119

Tritanomaly

61.8675, 58.8642, 54.0001

Monochromacy



Original Color

58.3624, 58.7358, 37.9669

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1220, 58.2628, 53.0876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3624, 58.7358, 37.9669 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(231, 196, 152)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 152)  
}
```

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(231, 196, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 152) }
```

Border

The CSS property to change the border of an element to XYZ 58.3624, 58.7358, 37.9669 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(231, 196, 152) }
```


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

```
.border{ border-color:rgb(231, 196, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 152);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3624, 58.7358, 37.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 152) }
```

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

```
.background{ background-color: rgb(231,  
196, 152) }
```

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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