

Converting Colors

XYZ(57.2663, 55.9804, 32.9864)

Have a look what the booklet for
XYZ(57.2663, 55.9804, 32.9864)
contains.

XYZ(57.2663, 55.9804, 32.9864)	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(57.2663, 55.9804,
32.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBD8D
RGB	235, 189, 141
RGB Percent	92%, 74%, 55%
CMY	0.0784, 0.2588, 0.4471
CMYK	0.00, 0.20, 0.40, 0.08
HSL	31°, 70%, 74%
HSV	31°, 40%, 92%
XYZ	57.2663, 55.9804, 32.9864
YIQ	197.2820, 42.8240, -5.1760

Conversions

Conversions Part 2

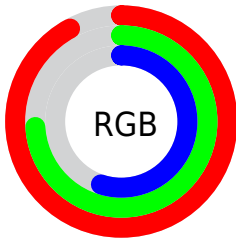
Format	Color
R_{YB}	231, 235, 141
Decimal	15449485
CIE _{Lab}	79.60, 10.22, 30.51
CIE _{LCh}	80, 32.175, 71.476
Yxy	55.9804, 0.3916, 0.3828
Android (android.graphics.Color)	4293639565 (0xFFE8BBD8D)
YUV	197.2820, -27.7470, 33.0787
Hunter-Lab	74.8201, 5.6865, 26.2345

Details

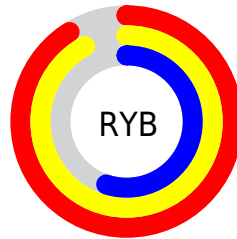
The XYZ color **57.2663, 55.9804, 32.9864** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7498, 47.2001, 85.4020**, and the grayscale version is **53.3869, 56.1672, 61.1660**.

A 20% lighter version of the original color is **83.7427, 90.5049, 64.6852**, and **28.7811, 27.6936, 13.5013** is the 20% darker color. If you saturate the color by 10%, you get **53.3240, 50.6034, 23.9417**, and if you desaturate by 10%, it is **61.7786, 61.9034, 44.0526**.

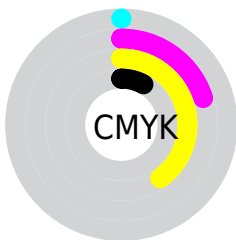
Distribution



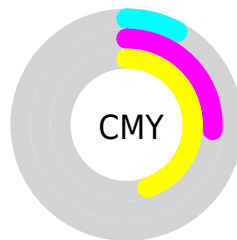
- Red (92%)
- Green (74%)
- Blue (55%)



- Red (91%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2663, 55.9804, 32.9864 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 57.2663, 55.9804, 32.9864 by changing the saturation by 10% instead.


 57.2663, 55.9804,
32.9864

 57.2663, 55.9804,
32.9864


404.4445,
409.6176, 330.2186

 41.4601, 40.1872,
21.8450


 99.9828, 98.9759,
65.4701

 28.8680, 27.6845,
13.5458


 127.6237,
126.9470, 87.6494

 19.1248, 18.0880,
7.6703

 159.9402,
159.7463, 114.3451

 11.8650, 11.0132,
3.8000

197.2977,
197.7580, 145.9758

 6.7234, 6.0757,
1.5163

240.0616,
241.3666, 182.9599

 3.3345, 2.8912,
0.2300

288.5971,

 1.3330, 1.0752,

290.9564, 225.7161

0.0000

343.2696,
346.9120, 274.6628

■ 0.2077, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2663, 55.9804,
32.9864

■ 57.2663, 55.9804,
32.9864

■ 53.3240, 50.6034,
23.9417

■ 61.7786, 61.9034,
44.0526

■ 49.9192, 45.7458,
16.7889

■ 66.8826, 68.3818,
57.2520

■ 47.0223, 41.3905,
11.3886

■ 72.6040, 75.4347,
72.6922

■ 44.5982, 37.5156,
7.5802

■ 78.9653, 83.0777,
90.4724

■ 42.6059, 34.0965,
5.1729

■ 85.4190, 91.0982,
107.6894

■ 40.9790, 31.0983,
3.8428

■ 88.0710, 96.4022,
108.5734

■ 40.9789, 31.0981,
3.8427

Harmonies

Analogous

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



63.1024, 55.9804, 40.2376



57.2663, 55.9804, 32.9864



50.7664, 55.9804, 32.2379

Triad

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



57.2663, 55.9804, 32.9864



41.9044, 55.9804, 68.3340



61.8963, 55.9804, 91.7977

Complementary

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



57.2663, 55.9804, 32.9864



43.7498, 47.2001, 85.4020

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.



55.7260, 55.9804, 103.0513



57.2663, 55.9804, 32.9864



44.4055, 55.9804, 87.7811

Square

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



57.2663, 55.9804, 32.9864



42.2435, 55.9804, 50.3019



49.3455, 55.9804, 101.4479



65.9216, 55.9804, 73.0108

Rectangle

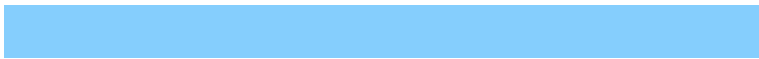
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.2663, 55.9804, 32.9864



46.9619, 55.9804, 35.2981



49.3455, 55.9804, 101.4479



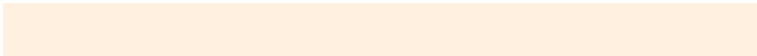
59.9841, 55.9804, 96.7437

Sweetspot

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



57.2677, 55.9830, 32.9875



85.9169, 88.9997, 83.4561



52.8634, 40.3434, 52.5784



18.1915, 18.8067, 17.3234



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.



57.2677, 55.9830, 32.9875



64.9855, 62.0212, 30.5919



68.7772, 79.0021, 36.8240



15.7015, 16.3260, 15.8424



22.9349, 17.5641, 2.1814



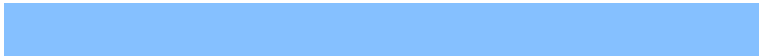
1.8972, 1.5718, 0.2034

Inverse Universe

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



43.7498, 47.2001, 85.4020



46.6176, 50.0896, 101.8190



35.5054, 30.7114, 82.6539



14.8397, 15.7659, 19.1832



11.8839, 10.4149, 45.1269



1.0292, 1.0099, 3.5756

Previews

White Background



This preview shows how the XYZ color 57.2663, 55.9804, 32.9864 looks on a white background.

Color Contrast Check

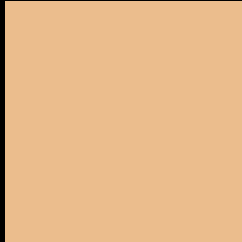
Large Text (above 18pt) WCAG AA × Fail

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 57.2663, 55.9804, 32.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

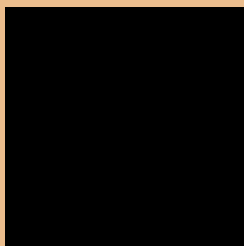
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2663, 55.9804, 32.9864

Background



This preview shows how black text looks on a background with the XYZ color 57.2663, 55.9804, 32.9864.



This preview shows how white text looks on a background with the XYZ color 57.2663, 55.9804,

32.9864.

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

57.2663, 55.9804, 32.9864

Protanopia

52.2285, 55.9739, 34.8394

Deuteranopia

57.2663, 55.9804, 32.9864



Tritanopia

62.6269, 55.9667, 59.7264

Trichromacy



Original Color

57.2663, 55.9804, 32.9864

Protanomaly

53.8410, 55.8128, 34.3208

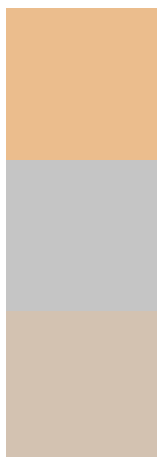
Deuteranomaly

57.2663, 55.9804, 32.9864

Tritanomaly

60.4453, 56.0097, 48.6994

Monochromacy



Original Color

57.2663, 55.9804, 32.9864

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.0916, 55.6068, 49.4772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2663, 55.9804, 32.9864 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(235, 189, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 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(235, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 141) }
```

Border

The CSS property to change the border of an element to XYZ 57.2663, 55.9804, 32.9864 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(235, 189, 141) }
```


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

```
.border{ border-color:rgb(235, 189, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 189, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 189, 141); box-shadow:4px 4px 4px 4px rgb(235, 189, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2663, 55.9804, 32.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 141) }
```

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

```
.background{ background-color: rgb(235,  
189, 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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