

Converting Colors

XYZ(57.6593, 53.9015, 42.5913)

Have a look what the booklet for
XYZ(57.6593, 53.9015, 42.5913)
contains.

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Color

**XYZ(57.6897, 53.7984,
42.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB6A4
RGB	235, 182, 164
RGB Percent	92%, 71%, 64%
CMY	0.0784, 0.2863, 0.3569
CMYK	0.00, 0.23, 0.30, 0.08
HSL	15°, 64%, 78%
HSV	15°, 30%, 92%
XYZ	57.6897, 53.7984, 42.4655
YIQ	195.7950, 37.3660, 5.6380

Conversions

Conversions Part 2

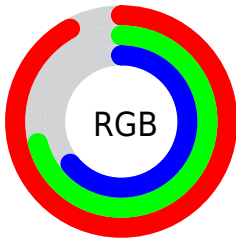
Format	Color
R _Y B	235, 188, 164
Decimal	15447716
CIE Lab	78.34, 16.69, 16.54
CIE LCh	78, 23.493, 44.746
Yxy	53.7984, 0.3747, 0.3494
Android (android.graphics.Color)	4293637796 (0xFFEBB6A4)
YUV	195.7950, -15.6749, 34.3828
Hunter-Lab	73.3474, 12.0371, 17.0164

Details

The XYZ color **57.6897, 53.7984, 42.4655** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.1172, 63.5142, 87.9518**, and the grayscale version is **52.4230, 55.1530, 60.0616**.

A 20% lighter version of the original color is **84.6007, 87.5235, 79.4526**, and **29.1350, 26.3353, 18.8769** is the 20% darker color. If you saturate the color by 10%, you get **52.3906, 46.2882, 31.1785**, and if you desaturate by 10%, it is **63.8338, 62.3704, 55.9699**.

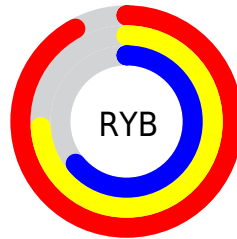
Distribution



Red (92%)

Green (71%)

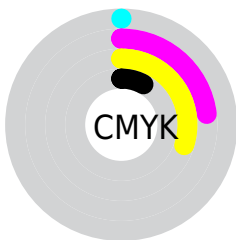
Blue (64%)



Red (92%)

Yellow (74%)

Blue (64%)

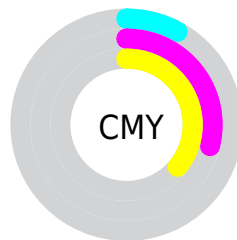


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6897, 53.7984, 42.4655 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 57.6897, 53.7984, 42.4655 by changing the saturation by 10% instead.


 57.6897, 53.7984,
42.4655


 57.6897, 53.7984,
42.4655


406.0012,
401.3408, 372.2654

 41.8015, 38.4405,
29.1377


 100.5964, 95.7782,
80.1813

 29.1363, 26.3248,
18.9385


 128.3457,
123.1689, 105.4064

 19.3288, 17.0668,
11.4495


160.7793,
155.3392, 135.4344

 12.0135, 10.2821,
6.2521

198.2628,
192.6737, 170.6837

 6.8251, 5.5864,
2.9277

241.1613,
235.5568, 211.5729

 3.3983, 2.5953,
1.0578

289.8403,

 1.3677, 0.9243,

284.3727, 258.5205

0.0000

344.6652,
339.5059, 311.9452

■ 0.2331, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6897, 53.7984,
42.4655

■ 57.6897, 53.7984,
42.4655

■ 52.3906, 46.2882,
31.1785

■ 63.8338, 62.3704,
55.9699

■ 47.8940, 39.7906,
21.9861

■ 70.8544, 72.0361,
71.7989

■ 44.1600, 34.2633,
14.7587

■ 78.7863, 82.8354,
90.0565

■ 41.1434, 29.6582,
9.3507

■ 87.1743, 94.6089,
108.2745

■ 38.7937, 25.9228,
5.5958

■ 88.0710, 96.4022,
108.5734

■ 37.0529, 22.9986,
3.2969

■ 35.8556, 20.8515,
2.1349

Harmonies

Analogous

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



60.1917, 53.7984, 52.3518



57.6897, 53.7984, 42.4655



53.5010, 53.7984, 37.3446

Triad

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



57.6897, 53.7984, 42.4655



43.0516, 53.7984, 52.1503



53.4228, 53.7984, 86.7093

Complementary

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



57.6897, 53.7984, 42.4655



55.1172, 63.5142, 87.9518

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.



48.8374, 53.7984, 86.6337



57.6897, 53.7984, 42.4655



43.0335, 53.7984, 65.2778

Square

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



57.6897, 53.7984, 42.4655



45.1455, 53.7984, 42.3372



45.0943, 53.7984, 78.3222



57.6295, 53.7984, 78.5156

Rectangle

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



57.6897, 53.7984, 42.4655



50.4040, 53.7984, 36.7499



45.0943, 53.7984, 78.3222



51.8705, 53.7984, 87.6857

Sweetspot

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



57.6911, 53.8009, 42.4666



86.3493, 88.1624, 88.8471



60.0937, 49.2364, 72.1528



18.1995, 18.4834, 18.3718



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.



57.6911, 53.8009, 42.4666



65.5289, 59.2317, 42.7235



65.8394, 70.0975, 45.1827



15.3759, 15.6748, 15.7339



20.0414, 11.7770, 1.2169



1.6487, 1.0748, 0.1206

Inverse Universe

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



55.1172, 63.5142, 87.9518



61.9732, 72.5836, 105.3514



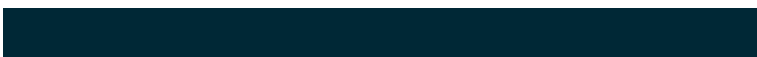
46.9826, 47.2449, 85.2402



15.1755, 16.4375, 19.2952



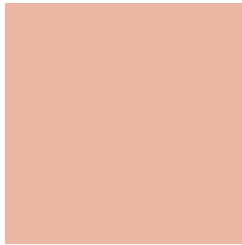
17.0288, 20.7046, 46.8418



1.4131, 1.7777, 3.7035

Previews

White Background



This preview shows how the XYZ color 57.6897, 53.7984, 42.4655 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 57.6897, 53.7984, 42.4655 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 57.6897, 53.7984, 42.4655

Background



This preview shows how black text looks on a background with the XYZ color 57.6897, 53.7984, 42.4655.



This preview shows how white text looks on a background with the XYZ color 57.6897, 53.7984,

42.4655.

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

57.6897, 53.7984, 42.4655

Protanopia

51.1761, 54.1824, 45.7912

Deuteranopia

55.1217, 54.0323, 42.1744



Tritanopia

60.6947, 53.8237, 57.0592

Trichromacy



Original Color

57.6897, 53.7984, 42.4655

Protanomaly

53.5057, 54.1011, 44.6683

Deuteranomaly

55.9547, 53.8362, 42.0926

Tritanomaly

59.4886, 53.6221, 51.4707

Monochromacy



Original Color

57.6897, 53.7984, 42.4655

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8609, 54.4239, 53.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6897, 53.7984, 42.4655 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, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 164)  
}
```

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, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.6897, 53.7984, 42.4655 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, 182, 164) }
```


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

```
.border{ border-color:rgb(235, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6897, 53.7984, 42.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 164) }
```

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

```
.background{ background-color: rgb(235,  
182, 164) }
```

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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