

Converting Colors

XYZ(58.7664, 54.9658, 42.6341)

Have a look what the booklet for
XYZ(58.7664, 54.9658, 42.6341)
contains.

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Color

**XYZ(58.7664, 54.9658,
42.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB8A4
RGB	237, 184, 164
RGB Percent	93%, 72%, 64%
CMY	0.0706, 0.2784, 0.3569
CMYK	0.00, 0.22, 0.31, 0.07
HSL	16°, 67%, 79%
HSV	16°, 31%, 93%
XYZ	58.7664, 54.9658, 42.6341
YIQ	197.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

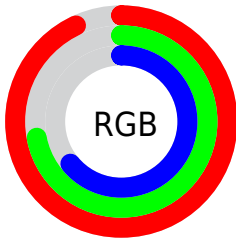
Format	Color
RYB	237, 192, 164
Decimal	15579300
CIELab	79.02, 16.38, 17.51
CIElCh	79, 23.981, 46.910
Yxy	54.9658, 0.3758, 0.3515
Android (android.graphics.Color)	4293769380 (0xFFEDB8A4)
YUV	197.5670, -16.5485, 34.5827
Hunter-Lab	74.1389, 11.7453, 17.8021

Details

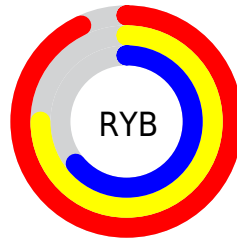
The XYZ color **58.7664, 54.9658, 42.6341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4081, 63.6308, 89.4827**, and the grayscale version is **53.4960, 56.2819, 61.2910**.

A 20% lighter version of the original color is **85.1863, 88.6946, 79.6478**, and **29.8633, 27.1057, 18.9872** is the 20% darker color. If you saturate the color by 10%, you get **53.4632, 47.4713, 31.2727**, and if you desaturate by 10%, it is **64.9060, 63.4944, 56.2431**.

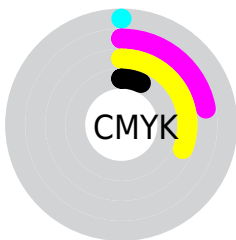
Distribution



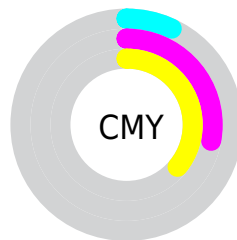
- Red (93%)
- Green (72%)
- Blue (64%)



- Red (93%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7664, 54.9658, 42.6341 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 58.7664, 54.9658, 42.6341 by changing the saturation by 10% instead.


 58.7664, 54.9658,
42.6341


 58.7664, 54.9658,
42.6341


409.9437,
405.7823, 372.9817

 42.6707, 39.3743,
29.2689


 102.1546, 97.4908,
80.4388

 29.8203, 27.0511,
19.0370


 130.1779,
125.1932, 105.7154

 19.8496, 17.6116,
11.5199


162.9078,
157.7014, 135.7995

 12.3934, 10.6715,
6.2991

200.7097,
195.3997, 171.1097

 7.0863, 5.8464,
2.9561

243.9488,
238.6725, 212.0644

 3.5629, 2.7519,
1.0723

292.9906,

 1.4580, 1.0036,

287.9043, 259.0823

0.0000

348.2005,
343.4794, 312.5819

■ 0.2970, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7664, 54.9658,
42.6341

■ 58.7664, 54.9658,
42.6341

■ 53.4632, 47.4713,
31.2727

■ 64.9060, 63.4944,
56.2431

■ 48.9545, 40.9633,
22.0335

■ 71.9130, 73.0870,
72.2093

■ 45.2008, 35.4016,
14.7839

■ 79.8220, 83.7820,
90.6387

■ 42.1574, 30.7403,
9.3746

■ 88.0459, 95.3661,
108.3747

■ 39.7743, 26.9294,
5.6351

■ 88.7352, 96.7446,
108.6045

■ 37.9937, 23.9130,
3.3622

■ 36.8124, 21.7791,
2.2636

Harmonies

Analogous

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



61.5242, 54.9658, 52.5247



58.7664, 54.9658, 42.6341



54.3493, 54.9658, 37.7262

Triad

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



58.7664, 54.9658, 42.6341



43.8052, 54.9658, 54.0915



54.9583, 54.9658, 88.6792

Complementary

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



58.7664, 54.9658, 42.6341



55.4081, 63.6308, 89.4827

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.



50.1925, 54.9658, 89.2700



58.7664, 54.9658, 42.6341



43.9461, 54.9658, 67.8231

Square

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



58.7664, 54.9658, 42.6341



45.8242, 54.9658, 43.6300



46.2218, 54.9658, 81.1660



59.2356, 54.9658, 79.6574

Rectangle

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



58.7664, 54.9658, 42.6341



51.1470, 54.9658, 37.3657



46.2218, 54.9658, 81.1660



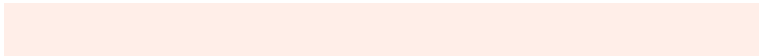
53.3552, 54.9658, 89.9137

Sweetspot

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



58.7678, 54.9684, 42.6352



86.4860, 88.4358, 88.8927



60.7949, 49.5936, 72.3787



18.2330, 18.5504, 18.3830



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.



58.7678, 54.9684, 42.6352



65.3077, 59.1520, 41.5320



67.2108, 71.8542, 45.4495



15.4014, 15.7257, 15.7424



20.1920, 12.0782, 1.2671



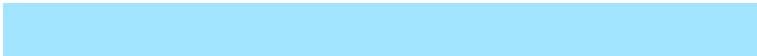
1.6635, 1.1044, 0.1255

Inverse Universe

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



55.4081, 63.6308, 89.4827



60.7369, 70.8795, 105.0877



47.1272, 47.0689, 86.7224



15.1484, 16.3833, 19.2861



16.5206, 19.6881, 46.6724



1.3768, 1.7050, 3.6914

Previews

White Background



This preview shows how the XYZ color 58.7664, 54.9658, 42.6341 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 58.7664, 54.9658, 42.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

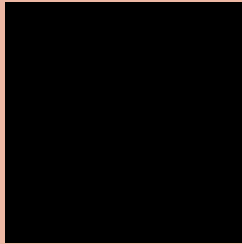
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7664, 54.9658, 42.6341

Background



This preview shows how black text looks on a background with the XYZ color 58.7664, 54.9658, 42.6341.



This preview shows how white text looks on a background with the XYZ color 58.7664, 54.9658,

42.6341.

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

58.7664, 54.9658, 42.6341

Protanopia

52.2244, 55.0543, 45.9042

Deuteranopia

55.9581, 54.7795, 42.2745



Tritanopia

61.9940, 55.0628, 58.3997

Trichromacy



Original Color

58.7664, 54.9658, 42.6341

Protanomaly

54.3140, 54.8405, 44.7684

Deuteranomaly

57.0143, 55.0080, 42.2630

Tritanomaly

60.6677, 54.8174, 52.1830

Monochromacy



Original Color

58.7664, 54.9658, 42.6341

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.0843, 55.6821, 54.2988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7664, 54.9658, 42.6341 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, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 184, 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(237, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 184, 164) }
```

Border

The CSS property to change the border of an element to XYZ 58.7664, 54.9658, 42.6341 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, 184, 164) }
```


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

```
.border{ border-color:rgb(237, 184, 164) }
```

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

Here you see how a box with a 4 pixel rgb(237, 184, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 184,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7664, 54.9658, 42.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 184, 164) }
```

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

```
.background{ background-color: rgb(237,  
184, 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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