

Converting Colors

XYZ(58.1023, 54.6235, 42.6030)

Have a look what the booklet for
XYZ(58.1023, 54.6235, 42.6030)
contains.

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Color

**XYZ(58.1023, 54.6235,
42.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB8A4
RGB	235, 184, 164
RGB Percent	92%, 72%, 64%
CMY	0.0784, 0.2784, 0.3569
CMYK	0.00, 0.22, 0.30, 0.08
HSL	17°, 64%, 78%
HSV	17°, 30%, 92%
XYZ	58.1023, 54.6235, 42.6030
YIQ	196.9690, 36.8160, 4.5920

Conversions

Conversions Part 2

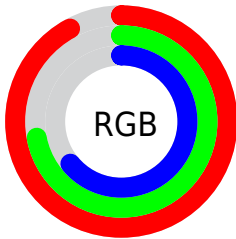
Format	Color
RYB	235, 192, 164
Decimal	15448228
CIELab	78.82, 15.62, 17.21
CIElCh	79, 23.242, 47.762
Yxy	54.6235, 0.3741, 0.3517
Android (android.graphics.Color)	4293638308 (0xFFE8B8A4)
YUV	196.9690, -16.2537, 33.3532
Hunter-Lab	73.9077, 10.9887, 17.5586

Details

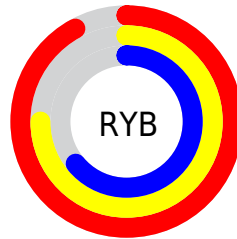
The XYZ color **58.1023, 54.6235, 42.6030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.6049, 62.4896, 87.7812**, and the grayscale version is **53.1329, 55.8999, 60.8750**.

A 20% lighter version of the original color is **85.1863, 88.6946, 79.6478**, and **29.4010, 26.8674, 18.9656** is the 20% darker color. If you saturate the color by 10%, you get **52.8738, 47.2546, 31.3395**, and if you desaturate by 10%, it is **64.1442, 62.9911, 56.0734**.

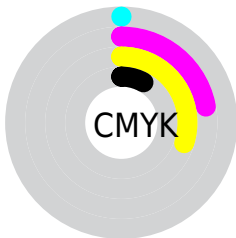
Distribution



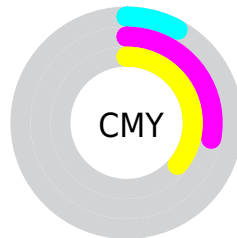
- Red (92%)
- Green (72%)
- Blue (64%)



- Red (92%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1023, 54.6235, 42.6030 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 58.1023, 54.6235, 42.6030 by changing the saturation by 10% instead.


 58.1023, 54.6235,
42.6030

 58.1023, 54.6235,
42.6030


407.5147,
404.4832, 372.8497

 42.1345, 39.1004,
29.2447


 101.1939, 96.9891,
80.3913

 29.3982, 26.8378,
19.0188


 129.0484,
124.6004, 105.6584

 19.5280, 17.4515,
11.5069


161.5959,
157.0098, 135.7322

 12.1587, 10.5569,
6.2904

199.2016,
194.6018, 171.0311

 6.9248, 5.7697,
2.9509

242.2311,
237.7607, 211.9738

 3.4610, 2.7056,
1.0696

291.0495,

 1.4020, 0.9800,

286.8710, 258.9788

0.0000

346.0222,
342.3170, 312.4645

■ 0.2577, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1023, 54.6235,
42.6030

■ 58.1023, 54.6235,
42.6030

■ 52.8738, 47.2546,
31.3395

■ 64.1442, 62.9911,
56.0734

■ 48.4181, 40.8387,
22.1608

■ 71.0292, 72.3856,
71.8572

■ 44.6974, 35.3380,
14.9378

■ 78.7904, 82.8435,
90.0579

■ 41.6687, 30.7087,
9.5258

■ 86.9711, 94.2024,
108.2068

■ 39.2842, 26.9036,
5.7593

■ 88.0710, 96.4022,
108.5734

■ 37.4886, 23.8699,
3.4422

■ 36.2217, 21.5836,
2.2570

Harmonies

Analogous

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



60.8179, 54.6235, 52.0681



58.1023, 54.6235, 42.6030



53.8182, 54.6235, 37.9707

Triad

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



58.1023, 54.6235, 42.6030



43.7343, 54.6235, 54.2593



54.6671, 54.6235, 87.0507

Complementary

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



58.1023, 54.6235, 42.6030



54.6049, 62.4896, 87.7812

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.



50.0631, 54.6235, 87.8689



58.1023, 54.6235, 42.6030



43.9317, 54.6235, 67.5545

Square

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



58.1023, 54.6235, 42.6030



45.6328, 54.6235, 44.0020



46.1889, 54.6235, 80.3017



58.7554, 54.6235, 78.2084

Rectangle

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



58.1023, 54.6235, 42.6030



50.7309, 54.6235, 37.7162



46.1889, 54.6235, 80.3017



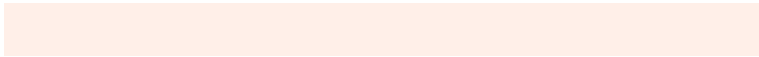
53.1235, 54.6235, 88.3159

Sweetspot

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



58.1037, 54.6260, 42.6041



86.5377, 88.5392, 88.9099



59.9401, 49.1750, 71.3439



18.2456, 18.5757, 18.3872



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.



58.1037, 54.6260, 42.6041



66.0805, 60.3349, 42.9073



66.1461, 70.7107, 45.2849



15.4110, 15.7450, 15.7456



20.2521, 12.1985, 1.2871



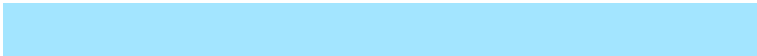
1.6694, 1.1160, 0.1274

Inverse Universe

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



54.6049, 62.4896, 87.7812



61.2518, 71.1408, 105.1110



46.7417, 46.7631, 85.1601



15.1382, 16.3628, 19.2827



16.3333, 19.3135, 46.6100



1.3633, 1.6781, 3.6869

Previews

White Background



This preview shows how the XYZ color 58.1023, 54.6235, 42.6030 looks on a white background.

Color Contrast Check

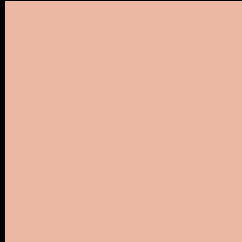
Large Text (above 18pt) WCAG AA × Fail

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 58.1023, 54.6235, 42.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

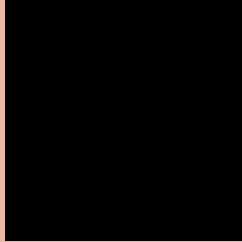
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1023, 54.6235, 42.6030

Background



This preview shows how black text looks on a background with the XYZ color 58.1023, 54.6235, 42.6030.



This preview shows how white text looks on a background with the XYZ color 58.1023, 54.6235,

42.6030.

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

58.1023, 54.6235, 42.6030

Protanopia

51.8534, 54.8739, 45.3949

Deuteranopia

55.9581, 54.7795, 42.2745



Tritanopia

61.3188, 54.7147, 58.3681

Trichromacy



Original Color

58.1023, 54.6235, 42.6030

Protanomaly

53.9248, 54.6506, 44.2657

Deuteranomaly

56.6943, 54.8430, 42.2480

Tritanomaly

59.9962, 54.4712, 52.1516

Monochromacy



Original Color

58.1023, 54.6235, 42.6030

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4706, 55.0509, 53.6539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1023, 54.6235, 42.6030 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, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 164) }
```

Border

The CSS property to change the border of an element to XYZ 58.1023, 54.6235, 42.6030 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, 184, 164) }
```


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

```
.border{ border-color:rgb(235, 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(235, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1023, 54.6235, 42.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 164) }
```

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

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