

Converting Colors

XYZ(58.5233, 54.4987, 41.1971)

Have a look what the booklet for
XYZ(58.5233, 54.4987, 41.1971)
contains.

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Color

**XYZ(58.6264, 54.6173,
41.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB7A1
RGB	238, 183, 161
RGB Percent	93%, 72%, 63%
CMY	0.0667, 0.2823, 0.3686
CMYK	0.00, 0.23, 0.32, 0.07
HSL	17°, 69%, 78%
HSV	17°, 32%, 93%
XYZ	58.6264, 54.6173, 41.1705
YIQ	196.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

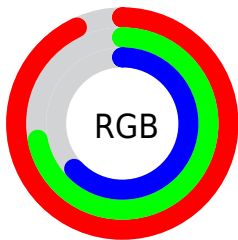
Format	Color
R _{YB}	238, 192, 161
Decimal	15644577
CIE Lab	78.82, 16.91, 18.86
CIE LCh	79, 25.332, 48.118
Yxy	54.6173, 0.3797, 0.3537
Android (android.graphics.Color)	4293834657 (0xFFEEB7A1)
YUV	196.9370, -17.7169, 36.0123
Hunter-Lab	73.9035, 12.2698, 18.7029

Details

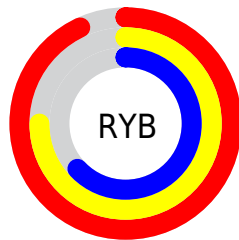
The XYZ color **58.6264, 54.6173, 41.1705** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.6857, 62.8598, 90.1400**, and the grayscale version is **53.1208, 55.8872, 60.8612**.

A 20% lighter version of the original color is **84.5012, 87.9509, 77.4883**, and **29.7990, 26.8931, 18.0883** is the 20% darker color. If you saturate the color by 10%, you get **53.4273, 47.2642, 30.0498**, and if you desaturate by 10%, it is **64.6513, 62.9822, 54.5385**.

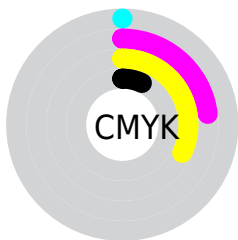
Distribution



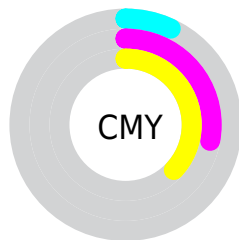
- Red (93%)
- Green (72%)
- Blue (63%)



- Red (93%)
- Yellow (75%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6264, 54.6173, 41.1705 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 58.6264, 54.6173, 41.1705 by changing the saturation by 10% instead.


 58.6264, 54.6173,
41.1705


 58.6264, 54.6173,
41.1705


409.4323,
404.4596, 366.7304

 42.5577, 39.0954,
28.1316


 101.9522, 96.9800,
78.1991

 29.7312, 26.8340,
18.1850


 129.9400,
124.5896, 103.0260

 19.7817, 17.4486,
10.9121

162.6315,
156.9973, 132.6192

 12.3438, 10.5548,
5.8943

200.3921,
194.5873, 167.3974

 7.0521, 5.7683,
2.7132

243.5871,
237.7442, 207.7791

 3.5414, 2.7047,
0.9500

292.5819,

 1.4461, 0.9796,

286.8522, 254.1828

0.0000

347.7419,
342.2959, 307.0271

■ 0.2887, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6264, 54.6173,
41.1705

■ 58.6264, 54.6173,
41.1705

■ 53.4273, 47.2642,
30.0498

■ 64.6513, 62.9822,
54.5385

■ 49.0121, 40.8762,
21.0482

■ 71.5329, 72.3882,
70.2654

■ 45.3412, 35.4139,
14.0300

■ 79.3058, 82.8727,
88.4595

■ 42.3696, 30.8323,
8.8417

■ 87.8072, 94.3916,
108.1992

■ 40.0468, 27.0822,
5.3073

■ 89.0699, 96.9172,
108.6201

■ 38.3143, 24.1086,
3.2150

■ 37.3280, 22.3132,
2.3395

Harmonies

Analogous

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



61.6370, 54.6173, 51.2800



58.6264, 54.6173, 41.1705



53.9250, 54.6173, 36.3118

Triad

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



58.6264, 54.6173, 41.1705



43.0278, 54.6173, 53.9568



54.9720, 54.6173, 89.8014

Complementary

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



58.6264, 54.6173, 41.1705



54.6857, 62.8598, 90.1400

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.



49.9499, 54.6173, 90.8297



58.6264, 54.6173, 41.1705



43.2680, 54.6173, 68.4864

Square

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



58.6264, 54.6173, 41.1705



45.0522, 54.6173, 42.8571



45.7311, 54.6173, 82.5161



59.4353, 54.6173, 79.8989

Rectangle

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



58.6264, 54.6173, 41.1705



50.5610, 54.6173, 36.0854



45.7311, 54.6173, 82.5161



53.2871, 54.6173, 91.2485

Sweetspot

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



58.6278, 54.6199, 41.1716



85.6754, 87.3904, 86.8478



60.4236, 48.6348, 71.2933



18.0744, 18.3480, 17.9766



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.



58.6278, 54.6199, 41.1716



64.3371, 57.9138, 39.0406



67.6334, 72.6310, 44.1735



16.1407, 16.4945, 16.4828



20.9205, 12.6390, 1.3369



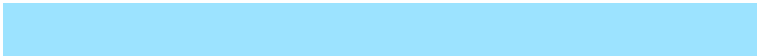
1.8222, 1.2152, 0.1385

Inverse Universe

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



54.6857, 62.8598, 90.1400



59.0276, 68.9515, 104.8056



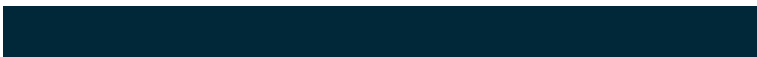
45.9886, 45.4657, 87.2409



15.8435, 17.1211, 20.1913



16.7438, 19.7119, 48.0502



1.4773, 1.8087, 4.0255

Previews

White Background



This preview shows how the XYZ color 58.6264, 54.6173, 41.1705 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 58.6264, 54.6173, 41.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

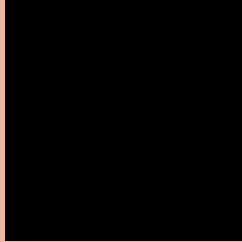
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6264, 54.6173, 41.1705

Background



This preview shows how black text looks on a background with the XYZ color 58.6264, 54.6173, 41.1705.



This preview shows how white text looks on a background with the XYZ color 58.6264, 54.6173,

41.1705.

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

58.6264, 54.6173, 41.1705

Protanopia

51.6670, 54.7994, 44.4134

Deuteranopia

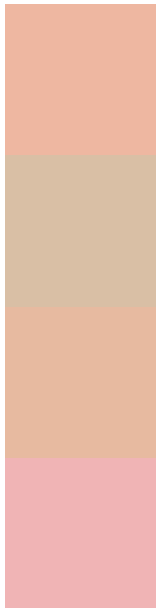
56.0069, 54.8354, 40.8901



Tritanopia

61.7105, 54.3473, 57.1068

Trichromacy



Original Color

58.6264, 54.6173, 41.1705

Protanomaly

54.0376, 54.7299, 43.3132

Deuteranomaly

56.8591, 54.6448, 40.8084

Tritanomaly

60.5969, 54.5040, 51.0426

Monochromacy



Original Color

58.6264, 54.6173, 41.1705

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.6527, 55.1570, 53.1133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6264, 54.6173, 41.1705 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(238, 183, 161)` looks like.

```
.text, #text, p{  
    color:rgb(238, 183, 161)  
}
```

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(238, 183, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 183, 161) }
```

Border

The CSS property to change the border of an element to XYZ 58.6264, 54.6173, 41.1705 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(238, 183, 161) }
```


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

```
.border{ border-color:rgb(238, 183, 161) }
```

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

Here you see how a box with a 4 pixel rgb(238, 183, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 183, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 183, 161);  
box-shadow:4px 4px 4px 4px rgb(238, 183,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6264, 54.6173, 41.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 183, 161) }
```

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

```
.background{ background-color: rgb(238,  
183, 161) }
```

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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