

Converting Colors

XYZ(58.2753, 54.2489, 40.3225)

Have a look what the booklet for
XYZ(58.2753, 54.2489, 40.3225)
contains.

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Color

**XYZ(58.2459, 54.1362,
40.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB69F
RGB	238, 182, 159
RGB Percent	93%, 71%, 62%
CMY	0.0667, 0.2863, 0.3765
CMYK	0.00, 0.24, 0.33, 0.07
HSL	17°, 70%, 78%
HSV	17°, 33%, 93%
XYZ	58.2459, 54.1362, 40.1803
YIQ	196.1220, 40.7590, 4.7190

Conversions

Conversions Part 2

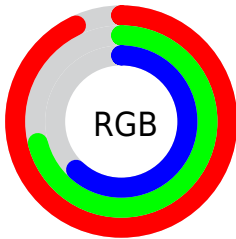
Format	Color
R _Y B	238, 191, 159
Decimal	15644319
CIE Lab	78.54, 17.19, 19.55
CIE LCh	79, 26.032, 48.668
Yxy	54.1362, 0.3818, 0.3548
Android (android.graphics.Color)	4293834399 (0xFFEEB69F)
YUV	196.1220, -18.3011, 36.7270
Hunter-Lab	73.5773, 12.5454, 19.1261

Details

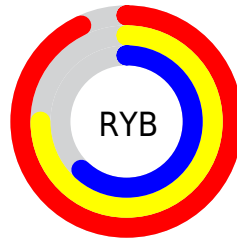
The XYZ color **58.2459, 54.1362, 40.1803** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.0305, 62.1430, 90.0363**, and the grayscale version is **52.6329, 55.3740, 60.3022**.

A 20% lighter version of the original color is **83.9521, 87.2641, 76.0372**, and **29.5602, 26.5858, 17.4835** is the 20% darker color. If you saturate the color by 10%, you get **53.1271, 46.8916, 29.2470**, and if you desaturate by 10%, it is **64.1814, 62.3773, 53.3488**.

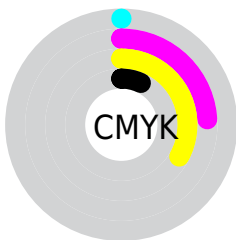
Distribution



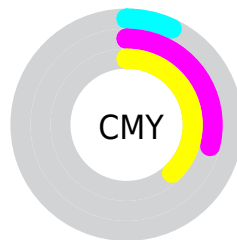
- Red (93%)
- Green (71%)
- Blue (62%)



- Red (93%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2459, 54.1362, 40.1803 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 58.2459, 54.1362, 40.1803 by changing the saturation by 10% instead.


 58.2459, 54.1362,
40.1803


 58.2459, 54.1362,
40.1803

408.0407,
402.6292, 362.4576

 42.2504, 38.7106,
27.3643


 101.4018, 96.2742,
76.6781

 29.4894, 26.5346,
17.6122


 129.2928,
123.7553, 101.1969

 19.5975, 17.2240,
10.5053


161.8798,
156.0238, 130.4538

 12.2093, 10.3943,
5.6253

199.5281,
193.4639, 164.8673

 6.9596, 5.6612,
2.5535

242.6029,
236.4601, 204.8558

 3.4830, 2.6402,
0.8683

291.4697,

 1.4140, 0.9469,

285.3968, 250.8380

0.0000

346.4939,
340.6584, 303.2325

■ 0.2662, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2459, 54.1362,
40.1803

■ 58.2459, 54.1362,
40.1803

■ 53.1271, 46.8916,
29.2470

■ 64.1814, 62.3773,
53.3488

■ 48.7832, 40.5974,
20.4200

■ 70.9644, 71.6438,
68.8648

■ 45.1748, 35.2147,
13.5623

■ 78.6293, 81.9727,
86.8370

■ 42.2568, 30.6992,
8.5192

■ 87.2072, 93.3967,
107.3663

■ 39.9788, 27.0020,
5.1124

■ 89.0700, 96.9172,
108.6201

■ 38.2818, 24.0687,
3.1262

■ 37.4070, 22.4711,
2.3658

Harmonies

Analogous

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



61.3739, 54.1362, 50.3598



58.2459, 54.1362, 40.1803



53.4169, 54.1362, 35.3642

Triad

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



58.2459, 54.1362, 40.1803



42.3790, 54.1362, 53.5682



54.6762, 54.1362, 89.9529

Complementary

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



58.2459, 54.1362, 40.1803



54.0305, 62.1430, 90.0363

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.



49.5414, 54.1362, 91.1983



58.2459, 54.1362, 40.1803



42.6666, 54.1362, 68.4546

Square

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



58.2459, 54.1362, 40.1803



44.3997, 54.1362, 42.1920



45.2133, 54.1362, 82.7961



59.2203, 54.1362, 79.6326

Rectangle

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



58.2459, 54.1362, 40.1803



49.9830, 54.1362, 35.2022



45.2133, 54.1362, 82.7961



52.9553, 54.1362, 91.5036

Sweetspot

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



58.2473, 54.1387, 40.1814



85.7154, 87.4704, 86.8611



60.0037, 47.9121, 70.7921



18.0840, 18.3672, 17.9798



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.



58.2473, 54.1387, 40.1814



63.8619, 57.3042, 37.8319



67.3440, 72.3321, 43.2136



16.1478, 16.5087, 16.4851



20.9658, 12.7297, 1.3521



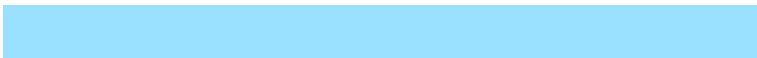
1.8268, 1.2243, 0.1400

Inverse Universe

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



54.0305, 62.1430, 90.0363



58.1926, 68.0039, 104.6667



45.2795, 44.6411, 87.1193



15.8360, 17.1061, 20.1888



16.6106, 19.4454, 48.0057



1.4671, 1.7882, 4.0220

Previews

White Background



This preview shows how the XYZ color 58.2459, 54.1362, 40.1803 looks on a white background.

Color Contrast Check

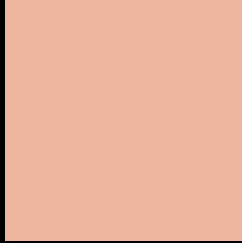
Large Text (above 18pt) WCAG AA × Fail

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 58.2459, 54.1362, 40.1803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

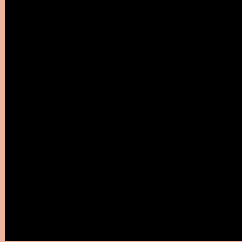
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2459, 54.1362, 40.1803

Background



This preview shows how black text looks on a background with the XYZ color 58.2459, 54.1362, 40.1803.



This preview shows how white text looks on a background with the XYZ color 58.2459, 54.1362,

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

58.2459, 54.1362, 40.1803

Protanopia

51.2602, 54.2793, 43.3726

Deuteranopia

55.3059, 54.1780, 39.8902



Tritanopia

61.4017, 53.9066, 56.4590

Trichromacy



Original Color

58.2459, 54.1362, 40.1803

Protanomaly

53.6396, 54.2230, 42.2893

Deuteranomaly

56.1536, 53.9895, 39.8092

Tritanomaly

60.1920, 54.0201, 49.9023

Monochromacy



Original Color

58.2459, 54.1362, 40.1803

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0420, 54.5294, 52.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2459, 54.1362, 40.1803 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, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 159)  
}
```

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, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.2459, 54.1362, 40.1803 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, 182, 159) }
```


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

```
.border{ border-color:rgb(238, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2459, 54.1362, 40.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 159) }
```

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

```
.background{ background-color: rgb(238,  
182, 159) }
```

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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