

# Converting Colors

XYZ(58.6324, 55.1709, 41.0561)

Have a look what the booklet for  
XYZ(58.6324, 55.1709, 41.0561)  
contains.

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# Color

**XYZ(58.7070, 55.2757,  
41.2933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDB9A1
RGB	237, 185, 161
RGB Percent	93%, 73%, 63%
CMY	0.0706, 0.2745, 0.3686
CMYK	0.00, 0.22, 0.32, 0.07
HSL	19°, 68%, 78%
HSV	19°, 32%, 93%
XYZ	58.7070, 55.2757, 41.2933
YIQ	197.8120, 38.6960, 3.5600

# Conversions

## Conversions Part 2

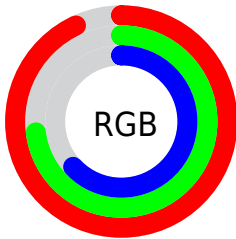
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 196, 161
Decimal	15579553
CIE <sub>Lab</sub>	79.20, 15.47, 19.37
CIE <sub>LCh</sub>	79, 24.790, 51.387
Yxy	55.2757, 0.3781, 0.3560
Android (android.graphics.Color)	4293769633 (0xFFEDB9A1)
YUV	197.8120, -18.1483, 34.3679
Hunter-Lab	74.3476, 10.8403, 19.1132

# Details

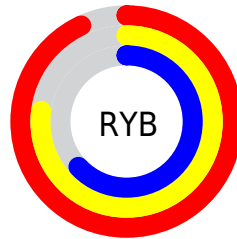
The XYZ color **58.7070, 55.2757, 41.2933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.7774, 61.2778, 89.1141**, and the grayscale version is **53.6538, 56.4480, 61.4719**.

A 20% lighter version of the original color is **85.0900, 89.1285, 77.6845**, and **29.8340, 27.3100, 18.1669** is the 20% darker color. If you saturate the color by 10%, you get **53.6114, 48.1179, 30.2425**, and if you desaturate by 10%, it is **64.5885, 63.3708, 54.5615**.

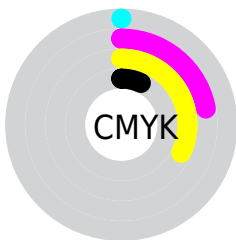
# Distribution



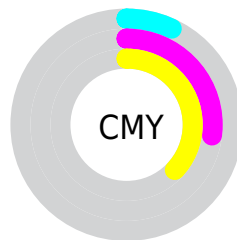
- Red (93%)
- Green (73%)
- Blue (63%)



- Red (93%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7070, 55.2757, 41.2933 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 58.7070, 55.2757, 41.2933 by changing the saturation by 10% instead.





 58.7070, 55.2757,  
41.2933


 58.7070, 55.2757,  
41.2933


409.7268,  
406.9562, 367.2578

 42.6228, 39.6225,  
28.2269


 102.0688, 97.9448,  
78.3874

 29.7825, 27.2443,  
18.2562


 130.0770,  
125.7295, 103.2523

 19.8208, 17.7568,  
10.9628


162.7906,  
158.3267, 132.8870

 12.3723, 10.7755,  
5.9280

200.5750,  
196.1210, 167.7101

 7.0718, 5.9161,  
2.7332

243.7954,  
239.4967, 208.1402

 3.5538, 2.7941,  
0.9601

292.8173,

 1.4529, 1.0252,

288.8382, 254.5959

0.0000

348.0059,  
344.5299, 307.4956

■ 0.2935, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.7070, 55.2757,  
41.2933

■ 58.7070, 55.2757,  
41.2933

■ 53.6114, 48.1179,  
30.2425

■ 64.5885, 63.3708,  
54.5615

■ 49.2619, 41.8549,  
21.2833

■ 71.2847, 72.4284,  
70.1568

■ 45.6218, 36.4520,  
14.2823

■ 78.8278, 82.4823,  
88.1855

■ 42.6488, 31.8692,  
9.0890

■ 87.1180, 93.5105,  
108.0655

■ 40.2958, 28.0629,  
5.5307

■ 88.7350, 96.7445,  
108.6045

■ 38.5078, 24.9846,  
3.4002

■ 37.4315, 23.0175,  
2.4700

# Harmonies

## Analogous

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



61.9123, 55.2757, 50.7791



58.7070, 55.2757, 41.2933



53.9769, 55.2757, 37.0491

# Triad

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



58.7070, 55.2757, 41.2933



43.6745, 55.2757, 56.1935



56.0873, 55.2757, 89.3166

# Complementary

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



58.7070, 55.2757, 41.2933



53.7774, 61.2778, 89.1141

# 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.



51.1247, 55.2757, 91.3752



58.7070, 55.2757, 41.2933



44.1610, 55.2757, 70.6880

# Square

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



58.7070, 55.2757, 41.2933



45.4433, 55.2757, 44.7213



46.8169, 55.2757, 84.1077



60.3349, 55.2757, 78.8584



# Rectangle

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



58.7070, 55.2757, 41.2933



50.6803, 55.2757, 37.2153



46.8169, 55.2757, 84.1077



54.4404, 55.2757, 91.0727

# Sweetspot

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



58.7084, 55.2783, 41.2944



85.8977, 87.8350, 86.9219



59.8334, 48.3601, 69.9335



18.1279, 18.4550, 17.9944



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.



58.7084, 55.2783, 41.2944



65.5547, 60.0012, 40.5192



67.4264, 72.7143, 44.2004



15.4537, 15.8305, 15.7598



20.5401, 12.7745, 1.3831



1.6964, 1.1701, 0.1364

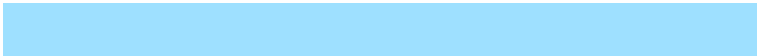


# Inverse Universe

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



53.7774, 61.2778, 89.1141



58.9317, 68.0223, 104.6313



45.5491, 44.8213, 86.3714



15.0932, 16.2728, 19.2677



15.5362, 17.7195, 46.3443



1.3056, 1.5627, 3.6677



# Previews

## White Background



This preview shows how the XYZ color 58.7070, 55.2757, 41.2933 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

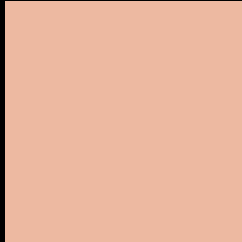
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.7070, 55.2757, 41.2933 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 58.7070, 55.2757, 41.2933**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.7070, 55.2757, 41.2933.



This preview shows how white text looks on a background with the XYZ color 58.7070, 55.2757,



# 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

58.7070, 55.2757, 41.2933

### Protanopia

52.3550, 55.4984, 44.0293

### Deuteranopia

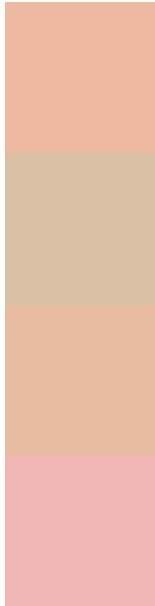
56.5377, 55.4272, 40.9764



## Tritanopia

62.3345, 55.2383, 58.4156

# Trichromacy



## Original Color

58.7070, 55.2757, 41.2933

## Protanomaly

54.4639, 55.2850, 42.9225

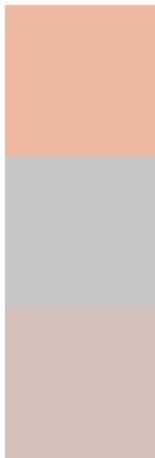
## Deuteranomaly

57.2834, 55.4934, 40.9498

## Tritanomaly

61.1066, 55.3586, 51.7206

# Monochromacy



## Original Color

58.7070, 55.2757, 41.2933

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

54.9783, 55.6398, 53.7408

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.7070, 55.2757, 41.2933 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, 185, 161)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 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(237, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 58.7070, 55.2757, 41.2933 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, 185, 161) }
```



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

```
.border{ border-color:rgb(237, 185, 161) }
```

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

Here you see how a box with a 4 pixel rgb(237, 185, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 161);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.7070, 55.2757, 41.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 185, 161) }
```

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

```
.background{ background-color: rgb(237,  
185, 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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