

Converting Colors

XYZ(57.4436, 54.7064, 51.6839)

Have a look what the booklet for
XYZ(57.4436, 54.7064, 51.6839)
contains.

XYZ(57.3664, 54.6640, 51.7836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3664, 54.6640,
51.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BAB6
RGB	226, 186, 182
RGB Percent	89%, 73%, 71%
CMY	0.1137, 0.2706, 0.2863
CMYK	0.00, 0.18, 0.19, 0.11
HSL	5°, 43%, 80%
HSV	5°, 19%, 89%
XYZ	57.3664, 54.6640, 51.7836
YIQ	197.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

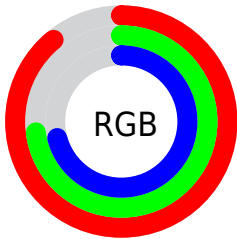
Format	Color
R _Y B	226, 186, 182
Decimal	14858934
CIE Lab	78.85, 13.72, 7.42
CIE LCh	79, 15.599, 28.387
Yxy	54.6640, 0.3502, 0.3337
Android (android.graphics.Color)	4293049014 (0xFFE2BAB6)
YUV	197.5040, -7.6435, 24.9910
Hunter-Lab	73.9351, 9.1121, 10.2283

Details

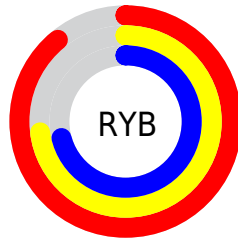
The XYZ color **57.3664, 54.6640, 51.7836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1394, 67.6767, 81.8977**, and the grayscale version is **53.4111, 56.1926, 61.1938**.

A 20% lighter version of the original color is **88.4247, 90.9373, 93.7811**, and **28.9275, 26.9061, 24.4376** is the 20% darker color. If you saturate the color by 10%, you get **51.1958, 45.7634, 39.1187**, and if you desaturate by 10%, it is **64.5392, 64.9647, 66.6435**.

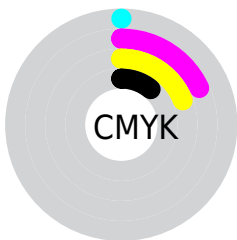
Distribution



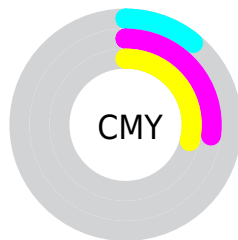
- Red (89%)
- Green (73%)
- Blue (71%)



- Red (89%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3664, 54.6640, 51.7836 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 57.3664, 54.6640, 51.7836 by changing the saturation by 10% instead.


 57.3664, 54.6640,
51.7836

 57.3664, 54.6640,
51.7836


404.8129,
404.6370, 410.5338

 41.5408, 39.1328,
36.4516


 100.1279, 97.0485,
94.2353

 28.9314, 26.8630,
24.4907


127.7945,
124.6705, 122.1921

 19.1730, 17.4704,
15.4825

160.1387,
157.0917, 155.1943

 11.9001, 10.5704,
9.0083

197.5260,
194.6962, 193.6603

 6.7474, 5.7788,
4.6497

240.3218,
237.8687, 238.0087

 3.3495, 2.7110,
1.9881

288.8912,

 1.3412, 0.9828,

286.9933, 288.6580

0.5480

343.5998,
342.4547, 346.0269

■ 0.2137, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3664, 54.6640,
51.7836

■ 57.3664, 54.6640,
51.7836

■ 51.1958, 45.7634,
39.1187

■ 64.5392, 64.9647,
66.6435

■ 45.9783, 38.1954,
28.5413

■ 72.7514, 76.7145,
83.7918

■ 41.6678, 31.8981,
19.9405

■ 82.0437, 89.9692,
103.3209

■ 38.2120, 26.8016,
13.1933

■ 85.1742, 94.9088,
108.4378

■ 35.5538, 22.8295,
8.1630

■ 33.6287, 19.8963,
4.6943

■ 32.3622, 17.9043,
2.6035

■ 31.6512, 16.7324,
1.5960

■ 31.6245, 16.6894,
1.5546

Harmonies

Analogous

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



58.1312, 54.6640, 60.0006



57.3664, 54.6640, 51.7836



55.1368, 54.6640, 46.1608

Triad

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



57.3664, 54.6640, 51.7836



47.0544, 54.6640, 51.0304



51.7893, 54.6640, 78.2212

Complementary

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



57.3664, 54.6640, 51.7836



59.1394, 67.6767, 81.8977

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.



48.9009, 54.6640, 75.2355



57.3664, 54.6640, 51.7836



46.2353, 54.6640, 59.0416

Square

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



57.3664, 54.6640, 51.7836



49.1799, 54.6640, 45.7573



46.8979, 54.6640, 67.9905



54.8356, 54.6640, 75.7975

Rectangle

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



57.3664, 54.6640, 51.7836



53.1629, 54.6640, 44.3459



46.8979, 54.6640, 67.9905



50.7684, 54.6640, 77.8117

Sweetspot

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



57.3679, 54.6665, 51.7847



88.4063, 90.4988, 95.0131



61.3220, 54.9171, 76.7101



18.7744, 19.1583, 20.0276



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.



57.3679, 54.6665, 51.7847



72.2911, 67.3562, 61.6246



62.2827, 64.4960, 53.4230



13.8070, 13.9000, 14.2620



18.0787, 9.5953, 0.8992



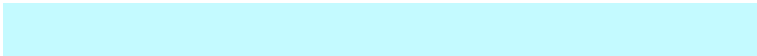
1.2881, 0.7351, 0.0740

Inverse Universe

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



59.1394, 67.6767, 81.8977



74.9868, 87.1642, 107.4799



53.7510, 56.8998, 80.1016



14.0043, 15.3478, 17.6120



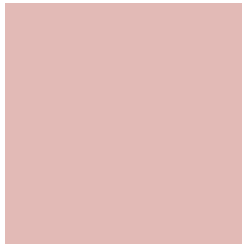
20.3913, 28.2522, 45.4269



1.4450, 2.0215, 3.1593

Previews

White Background



This preview shows how the XYZ color 57.3664, 54.6640, 51.7836 looks on a white background.

Color Contrast Check

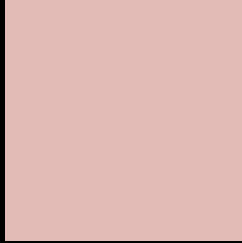
Large Text (above 18pt) WCAG AA × Fail

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 57.3664, 54.6640, 51.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

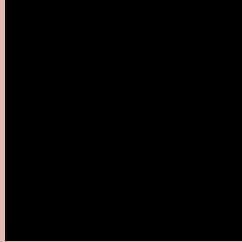
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3664, 54.6640, 51.7836

Background



This preview shows how black text looks on a background with the XYZ color 57.3664, 54.6640, 51.7836.



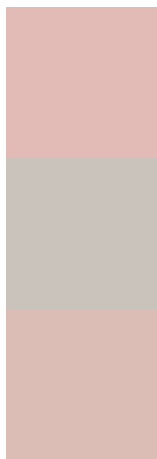
This preview shows how white text looks on a background with the XYZ color 57.3664, 54.6640,

51.7836.

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

57.3664, 54.6640, 51.7836

Protanopia

52.5721, 55.0356, 54.8658

Deuteranopia

55.8545, 54.8327, 51.8959



Tritanopia

59.3284, 54.8522, 60.8867

Trichromacy



Original Color

57.3664, 54.6640, 51.7836

Protanomaly

54.1849, 54.9037, 53.6406

Deuteranomaly

56.5509, 54.8734, 51.8670

Tritanomaly

58.5419, 54.8346, 57.3678

Monochromacy



Original Color

57.3664, 54.6640, 51.7836

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8186, 55.7992, 57.7502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3664, 54.6640, 51.7836 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(226, 186, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 182)  
}
```

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(226, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.3664, 54.6640, 51.7836 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(226, 186, 182) }
```


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

```
.border{ border-color:rgb(226, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 186, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 186, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 186,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3664, 54.6640, 51.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 182) }
```

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

```
.background{ background-color: rgb(226,  
186, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor