

Converting Colors

XYZ(54.3467, 50.6137, 27.3271)

Have a look what the booklet for
XYZ(54.3467, 50.6137, 27.3271)
contains.

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Color

**XYZ(54.3467, 50.6137,
27.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB080
RGB	237, 176, 128
RGB Percent	93%, 69%, 50%
CMY	0.0706, 0.3098, 0.4980
CMYK	0.00, 0.26, 0.46, 0.07
HSL	26°, 75%, 72%
HSV	26°, 46%, 93%
XYZ	54.3467, 50.6137, 27.3271
YIQ	188.7670, 51.7640, -1.9960

Conversions

Conversions Part 2

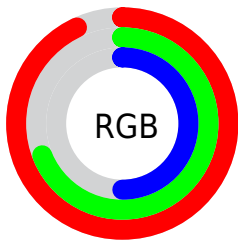
Format	Color
RYB	237, 214, 128
Decimal	15577216
CIELab	76.44, 16.53, 33.23
CIELCh	76, 37.116, 63.549
Yxy	50.6137, 0.4108, 0.3826
Android (android.graphics.Color)	4293767296 (0xFFEDB080)
YUV	188.7670, -29.9581, 42.3003
Hunter-Lab	71.1433, 11.8562, 27.0262

Details

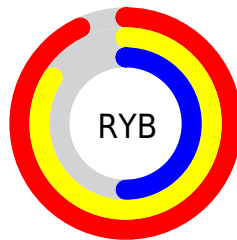
The XYZ color **54.3467, 50.6137, 27.3271** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3850, 47.0970, 86.9774**, and the grayscale version is **48.3828, 50.9024, 55.4328**.

A 20% lighter version of the original color is **78.4371, 82.3094, 55.4693**, and **27.0485, 24.2997, 10.4724** is the 20% darker color. If you saturate the color by 10%, you get **50.4908, 45.1137, 19.2238**, and if you desaturate by 10%, it is **58.8235, 56.7725, 37.4357**.

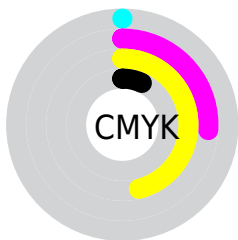
Distribution



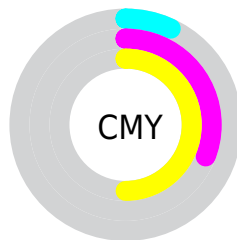
- Red (93%)
- Green (69%)
- Blue (50%)



- Red (93%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3467, 50.6137, 27.3271 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 54.3467, 50.6137, 27.3271 by changing the saturation by 10% instead.


 54.3467, 50.6137,
27.3271


 54.3467, 50.6137,
27.3271


393.6075,
389.0611, 303.0475


 39.1107, 35.9013,
17.5844


 95.7370, 91.0835,
56.4184

 27.0270, 24.3580,
10.4857


 122.6220,
117.6097, 76.6041

 17.7302, 15.5994,
5.6124


 154.1208,
148.8425, 101.1080

 10.8549, 9.2411,
2.5459

190.5986,
185.1665, 130.3484

 6.0359, 4.8988,
0.8643

232.4208,
226.9659, 164.7441

 2.9078, 2.1880,
0.0000

279.9528,

 1.1052, 0.7134,

274.6252, 204.7135

0.0000

333.5599,
328.5288, 250.6751

■ 0.0295, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3467, 50.6137,
27.3271

■ 54.3467, 50.6137,
27.3271

■ 50.4908, 45.1137,
19.2238

■ 58.8235, 56.7725,
37.4357

■ 47.2192, 40.2403,
12.9849

■ 63.9476, 63.6059,
49.6713

■ 44.4962, 35.9692,
8.4556

■ 69.7484, 71.1383,
64.1497

■ 42.2801, 32.2708,
5.4542

■ 76.2520, 79.3905,
80.9769

■ 40.5202, 29.1116,
3.7563

■ 83.4832, 88.3823,
100.2524

■ 39.9135, 27.9815,
3.2973

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



60.2028, 50.6137, 36.4534



54.3467, 50.6137, 27.3271



47.2794, 50.6137, 24.9226

Triad

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



54.3467, 50.6137, 27.3271



35.8982, 50.6137, 57.5275



55.9252, 50.6137, 93.8264

Complementary

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



54.3467, 50.6137, 27.3271



42.3850, 47.0970, 86.9774

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.



48.9438, 50.6137, 103.1592



54.3467, 50.6137, 27.3271



37.7503, 50.6137, 79.2426

Square

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



54.3467, 50.6137, 27.3271



37.0468, 50.6137, 39.6778



42.3638, 50.6137, 97.2657



61.1743, 50.6137, 74.0993

Rectangle

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



54.3467, 50.6137, 27.3271



42.9332, 50.6137, 26.8141



42.3638, 50.6137, 97.2657



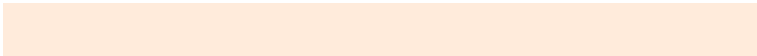
53.6802, 50.6137, 98.4741

Sweetspot

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



54.3480, 50.6161, 27.3281



83.7806, 85.8200, 79.3743



51.9133, 37.1508, 53.0167



17.5926, 17.9337, 16.1223



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.



54.3480, 50.6161, 27.3281



59.9473, 53.7463, 23.3588



67.0441, 76.0084, 31.5601



15.6114, 16.1458, 15.8124



21.9172, 15.5287, 1.8422



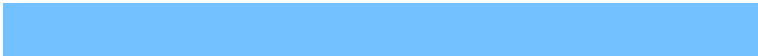
1.8154, 1.4081, 0.1761

Inverse Universe

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



42.3850, 47.0970, 86.9774



44.2086, 49.0904, 101.7531



32.8898, 28.1066, 83.8123



14.9304, 15.9472, 19.2135



13.0297, 12.7065, 45.5088



1.1187, 1.1889, 3.6054

Previews

White Background



This preview shows how the XYZ color 54.3467, 50.6137, 27.3271 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 54.3467, 50.6137, 27.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

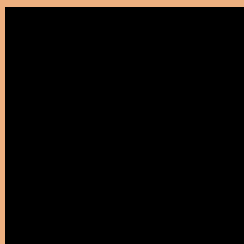
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3467, 50.6137, 27.3271

Background



This preview shows how black text looks on a background with the XYZ color 54.3467, 50.6137, 27.3271.



This preview shows how white text looks on a background with the XYZ color 54.3467, 50.6137,

27.3271.

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

54.3467, 50.6137, 27.3271

Protanopia

47.3331, 50.9260, 29.5253

Deuteranopia

51.7187, 50.7488, 27.1483



Tritanopia

59.2494, 50.6306, 50.9059

Trichromacy



Original Color

54.3467, 50.6137, 27.3271

Protanomaly

49.5561, 50.5186, 28.6119

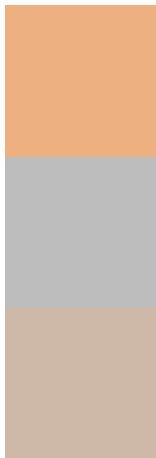
Deuteranomaly

52.5840, 50.5955, 27.0731

Tritanomaly

57.2093, 50.6389, 40.9415

Monochromacy



Original Color

54.3467, 50.6137, 27.3271

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5691, 50.1928, 43.6348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3467, 50.6137, 27.3271 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, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 176, 128)  
}
```

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, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 176, 128) }
```

Border

The CSS property to change the border of an element to XYZ 54.3467, 50.6137, 27.3271 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, 176, 128) }
```


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

```
.border{ border-color:rgb(237, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 176,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3467, 50.6137, 27.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 176, 128) }
```

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

```
.background{ background-color: rgb(237,  
176, 128) }
```

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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