

Converting Colors

XYZ(56.5771, 54.4237, 30.0771)

Have a look what the booklet for
XYZ(56.5771, 54.4237, 30.0771)
contains.

| | |
|--|----|
| XYZ(56.5771, 54.4237, 30.0771) | 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(56.5771, 54.4237,
30.0771)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDB986 |
| RGB | 237, 185, 134 |
| RGB Percent | 93%, 73%, 53% |
| CMY | 0.0706, 0.2745, 0.4745 |
| CMYK | 0.00, 0.22, 0.43, 0.07 |
| HSL | 30°, 74%, 73% |
| HSV | 30°, 43%, 93% |
| XYZ | 56.5771, 54.4237, 30.0771 |
| YIQ | 194.7340, 47.3630, -4.8370 |

Conversions

Conversions Part 2

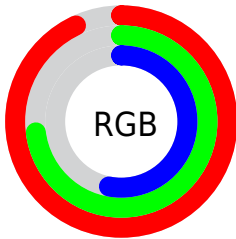
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 237, 235, 134 |
| Decimal | 15579526 |
| CIELab | 78.71, 12.38, 33.04 |
| CIELCh | 79, 35.279, 69.462 |
| Yxy | 54.4237, 0.4010, 0.3858 |
| Android (android.graphics.Color) | 4293769606 (0xFFEDB986) |
| YUV | 194.7340, -29.9419, 37.0673 |
| Hunter-Lab | 73.7724, 7.7924, 27.4681 |

Details

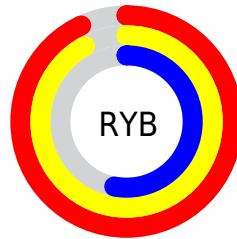
The XYZ color **56.5771, 54.4237, 30.0771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.6757, 46.2987, 86.8079**, and the grayscale version is **51.8674, 54.5686, 59.4252**.

A 20% lighter version of the original color is **81.7724, 87.8014, 60.2145**, and **28.4419, 26.7263, 12.0472** is the 20% darker color. If you saturate the color by 10%, you get **52.7076, 49.0403, 21.5258**, and if you desaturate by 10%, it is **61.0303, 60.3817, 40.6515**.

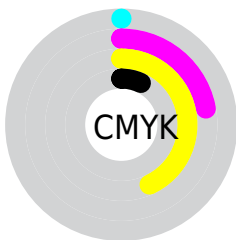
Distribution



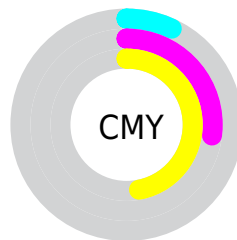
- Red (93%)
- Green (73%)
- Blue (53%)



- Red (93%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5771, 54.4237, 30.0771 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 56.5771, 54.4237, 30.0771 by changing the saturation by 10% instead.


 56.5771, 54.4237,
30.0771

 56.5771, 54.4237,
30.0771


401.9026,
403.7237, 316.4822


 40.9046, 38.9405,
19.6446


 98.9828, 96.6961,
60.8465

 28.4319, 26.7134,
11.9554


 126.4467,
124.2540, 82.0205

 18.7936, 17.3581,
6.5912


 158.5718,
156.6057, 107.6121

 11.6244, 10.4902,
3.1332

195.7234,
194.1355, 138.0397

 6.5588, 5.7251,
1.1631

238.2670,
237.2278, 173.7220

 3.2316, 2.6787,
0.0000

286.5678,

 1.2774, 0.9664,

286.2670, 215.0775

0.0000

340.9912,
341.6375, 262.5247

■ 0.1662, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5771, 54.4237,
30.0771

■ 56.5771, 54.4237,
30.0771

■ 52.7076, 49.0403,
21.5258

■ 61.0303, 60.3817,
40.6515

■ 49.3877, 44.2034,
14.8608

■ 66.0910, 66.9256,
53.3670

■ 46.5851, 39.8935,
9.9332

■ 71.7861, 74.0760,
68.3365

■ 44.2617, 36.0866,
6.5696

■ 78.1398, 81.8499,
85.6638

■ 42.3722, 32.7551,
4.5600

■ 85.1748, 90.2637,
105.4462

■ 41.3285, 30.8116,
3.7690

■ 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.



62.7882, 54.4237, 38.0456



56.5771, 54.4237, 30.0771



49.5545, 54.4237, 28.8728

Triad

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



56.5771, 54.4237, 30.0771



39.5951, 54.4237, 65.7994



60.7285, 54.4237, 94.1321

Complementary

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



56.5771, 54.4237, 30.0771



42.6757, 46.2987, 86.8079

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.



53.9643, 54.4237, 105.7913



56.5771, 54.4237, 30.0771



42.0496, 54.4237, 87.1748

Square

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



56.5771, 54.4237, 30.0771



40.1583, 54.4237, 46.7791



47.1644, 54.4237, 102.9929



65.3305, 54.4237, 73.7798

Rectangle

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



56.5771, 54.4237, 30.0771



45.4083, 54.4237, 31.7131



47.1644, 54.4237, 102.9929



58.6087, 54.4237, 99.3846

Sweetspot

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



56.5785, 54.4263, 30.0782



85.0567, 87.8299, 81.4718



52.4433, 38.6523, 51.8324



17.8710, 18.3839, 16.5441



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.



56.5785, 54.4263, 30.0782



62.7744, 58.6686, 26.5582



69.0177, 79.3047, 34.2246



15.6816, 16.2861, 15.8357



22.6950, 17.0842, 2.1014



1.8782, 1.5338, 0.1971

Inverse Universe

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



42.6757, 46.2987, 86.8079



44.4029, 47.9271, 101.5183



33.8824, 28.7120, 83.8768



14.8596, 15.8057, 19.1899



12.1205, 10.8880, 45.2057



1.0480, 1.0475, 3.5818

Previews

White Background



This preview shows how the XYZ color 56.5771, 54.4237, 30.0771 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 56.5771, 54.4237, 30.0771 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 56.5771, 54.4237, 30.0771

Background



This preview shows how black text looks on a background with the XYZ color 56.5771, 54.4237, 30.0771.



This preview shows how white text looks on a background with the XYZ color 56.5771, 54.4237,

30.0771.

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

56.5771, 54.4237, 30.0771

Protanopia

50.6809, 54.5668, 31.9060

Deuteranopia

55.6777, 54.5855, 30.1558



Tritanopia

61.9423, 54.4796, 56.5411

Trichromacy



Original Color

56.5771, 54.4237, 30.0771

Protanomaly

52.6614, 54.2834, 31.3691

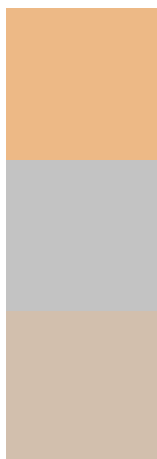
Deuteranomaly

55.7937, 54.3315, 30.1006

Tritanomaly

59.7148, 54.4753, 45.3977

Monochromacy



Original Color

56.5771, 54.4237, 30.0771

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7520, 53.9804, 47.1741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5771, 54.4237, 30.0771 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 134) }
```

Border

The CSS property to change the border of an element to XYZ 56.5771, 54.4237, 30.0771 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, 134) }
```


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

```
.border{ border-color:rgb(237, 185, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5771, 54.4237, 30.0771 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, 134) }
```

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

```
.background{ background-color: rgb(237,  
185, 134) }
```

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