

Converting Colors

XYZ(54.2661, 51.2624, 35.9081)

Have a look what the booklet for
XYZ(54.2661, 51.2624, 35.9081)
contains.

XYZ(54.2582, 51.2652, 35.8896)	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(54.2582, 51.2652,
35.8896)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B396
RGB	230, 179, 150
RGB Percent	90%, 70%, 59%
CMY	0.0980, 0.2980, 0.4118
CMYK	0.00, 0.22, 0.35, 0.10
HSL	22°, 62%, 75%
HSV	22°, 35%, 90%
XYZ	54.2582, 51.2652, 35.8896
YIQ	190.9430, 39.7050, 1.7930

Conversions

Conversions Part 2

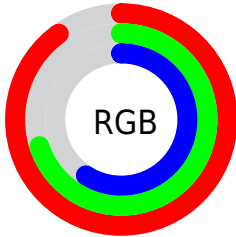
Format	Color
R _Y B	230, 195, 150
Decimal	15119254
CIE Lab	76.84, 14.61, 21.91
CIE LCh	77, 26.334, 56.317
Yxy	51.2652, 0.3837, 0.3625
Android (android.graphics.Color)	4293309334 (0xFFE6B396)
YUV	190.9430, -20.1849, 34.2530
Hunter-Lab	71.5997, 9.9676, 20.4005

Details

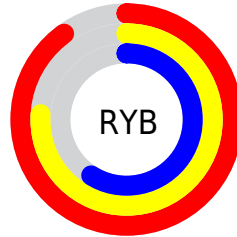
The XYZ color **54.2582, 51.2652, 35.8896** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7464, 53.9685, 82.7633**, and the grayscale version is **49.5865, 52.1689, 56.8119**.

A 20% lighter version of the original color is **81.8474, 85.0363, 69.2266**, and **26.9466, 24.7068, 15.1530** is the 20% darker color. If you saturate the color by 10%, you get **49.8012, 45.0299, 26.1460**, and if you desaturate by 10%, it is **59.3938, 58.2757, 47.6538**.

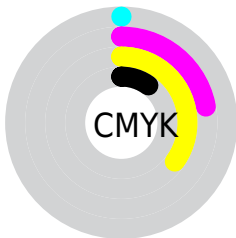
Distribution



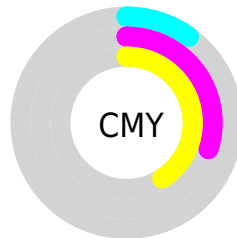
- Red (90%)
- Green (70%)
- Blue (59%)



- Red (90%)
- Yellow (76%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2582, 51.2652, 35.8896 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 54.2582, 51.2652, 35.8896 by changing the saturation by 10% instead.


 54.2582, 51.2652,
35.8896


 54.2582, 51.2652,
35.8896


393.2761,
391.5933, 343.5006

 39.0396, 36.4197,
24.0599


 95.6079, 92.0467,
70.0288

 26.9714, 24.7585,
15.1655


 122.4698,
118.7514, 93.1753

 17.6882, 15.8972,
8.7877

153.9434,
150.1781, 120.9313

 10.8247, 9.4515,
4.5080

190.3942,
186.7110, 153.7151

 6.0155, 5.0368,
1.9080

232.1876,
228.7346, 191.9454

 2.8953, 2.2689,
0.4978

279.6887,

 1.0986, 0.7572,

276.6332, 236.0408

0.0000

333.2632,
330.7913, 286.4196

■ 0.0240, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2582, 51.2652,
35.8896

■ 54.2582, 51.2652,
35.8896

■ 49.8012, 45.0299,
26.1460

■ 59.3938, 58.2757,
47.6538

■ 45.9878, 39.5344,
18.3042

■ 65.2330, 66.0804,
61.5421

■ 42.7855, 34.7514,
12.2375

■ 71.8042, 74.7070,
77.6542

■ 40.1569, 30.6486,
7.8025

■ 79.1331, 84.1794,
96.0830

■ 38.0597, 27.1908,
4.8326

■ 85.5913, 93.8594,
108.2133

■ 36.4439, 24.3385,
3.1249

■ 86.4431, 95.5630,
108.4972

■ 35.7562, 23.0693,
2.5683

Harmonies

Analogous

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



57.8673, 51.2652, 44.4746



54.2582, 51.2652, 35.8896



49.3467, 51.2652, 32.5929

Triad

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



54.2582, 51.2652, 35.8896



39.7429, 51.2652, 54.0678



53.1163, 51.2652, 84.3343

Complementary

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



54.2582, 51.2652, 35.8896



47.7464, 53.9685, 82.7633

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.



48.1106, 51.2652, 88.0728



54.2582, 51.2652, 35.8896



40.6020, 51.2652, 68.9452

Square

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



54.2582, 51.2652, 35.8896



41.1517, 51.2652, 41.8915



43.5833, 51.2652, 82.0253



57.1770, 51.2652, 72.5349

Rectangle

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



54.2582, 51.2652, 35.8896



46.0731, 51.2652, 33.3338



43.5833, 51.2652, 82.0253



51.4789, 51.2652, 86.6538

Sweetspot

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



54.2595, 51.2676, 35.8906



86.2448, 88.5291, 87.0375



54.2004, 42.9004, 61.3013



18.2115, 18.6222, 18.0223



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.



54.2595, 51.2676, 35.8906



64.2906, 58.8214, 35.9407



63.2097, 69.1679, 38.8740



14.8026, 15.2191, 15.0619



20.3492, 13.2725, 1.4893



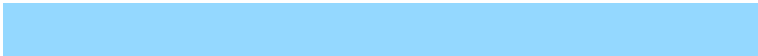
1.5896, 1.1525, 0.1387

Inverse Universe

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



47.7464, 53.9685, 82.7633



54.8440, 62.7052, 103.8205



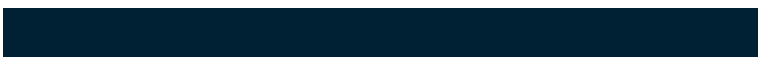
39.7814, 38.0384, 80.1083



14.3450, 15.4114, 18.3630



14.0790, 15.2201, 44.5789



1.1279, 1.2997, 3.3234

Previews

White Background



This preview shows how the XYZ color 54.2582, 51.2652, 35.8896 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 54.2582, 51.2652, 35.8896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

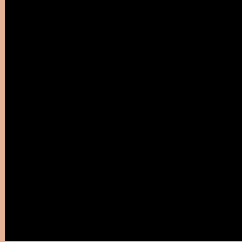
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2582, 51.2652, 35.8896

Background



This preview shows how black text looks on a background with the XYZ color 54.2582, 51.2652, 35.8896.



This preview shows how white text looks on a background with the XYZ color 54.2582, 51.2652,

35.8896.

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

54.2582, 51.2652, 35.8896

Protanopia

48.4172, 51.6110, 38.4204

Deuteranopia

52.2770, 51.1554, 35.5525



Tritanopia

58.0374, 51.3524, 53.8668

Trichromacy



Original Color

54.2582, 51.2652, 35.8896

Protanomaly

50.4601, 51.4148, 37.4015

Deuteranomaly

53.0000, 51.2252, 35.5278

Tritanomaly

56.7696, 51.4303, 46.9794

Monochromacy



Original Color

54.2582, 51.2652, 35.8896

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7836, 51.6544, 48.3680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2582, 51.2652, 35.8896 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(230, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 150)  
}
```

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(230, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.2582, 51.2652, 35.8896 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(230, 179, 150) }
```


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

```
.border{ border-color:rgb(230, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2582, 51.2652, 35.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 150) }
```

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

```
.background{ background-color: rgb(230,  
179, 150) }
```

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