

# Converting Colors

XYZ(54.8691, 51.8264, 41.6103)

Have a look what the booklet for  
XYZ(54.8691, 51.8264, 41.6103)  
contains.

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# Color

**XYZ(54.9270, 51.7808,  
41.7501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B4A3
RGB	228, 180, 163
RGB Percent	89%, 71%, 64%
CMY	0.1059, 0.2941, 0.3608
CMYK	0.00, 0.21, 0.29, 0.11
HSL	16°, 55%, 77%
HSV	16°, 29%, 89%
XYZ	54.9270, 51.7808, 41.7501
YIQ	192.4140, 34.0650, 4.8890

# Conversions

## Conversions Part 2

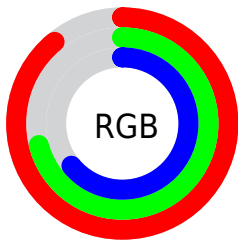
Format	Color
RYB	228, 186, 163
Decimal	14988451
CIELab	77.15, 14.97, 15.30
CIElCh	77, 21.405, 45.641
Yxy	51.7808, 0.3700, 0.3488
Android (android.graphics.Color)	4293178531 (0xFFE4B4A3)
YUV	192.4140, -14.5011, 31.2089
Hunter-Lab	71.9589, 10.3230, 15.9715

# Details

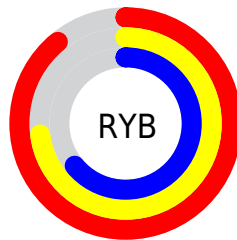
The XYZ color **54.9270, 51.7808, 41.7501** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4015, 59.9747, 82.2134**, and the grayscale version is **50.4143, 53.0397, 57.7603**.

A 20% lighter version of the original color is **83.8903, 86.3129, 78.5682**, and **27.2532, 24.9844, 18.4250** is the 20% darker color. If you saturate the color by 10%, you get **49.8709, 44.6483, 30.8784**, and if you desaturate by 10%, it is **60.7670, 59.8911, 54.7012**.

# Distribution



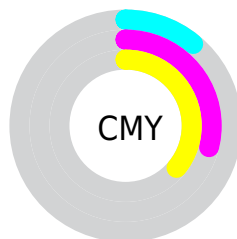
- Red (89%)
- Green (71%)
- Blue (64%)



- Red (89%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9270, 51.7808, 41.7501 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 54.9270, 51.7808, 41.7501 by changing the saturation by 10% instead.





 54.9270, 51.7808,  
41.7501


 54.9270, 51.7808,  
41.7501

395.7761,  
393.5898, 369.2150

 39.5769, 36.8304,  
28.5816

 96.5829, 92.8079,  
79.0873

 27.3915, 25.0762,  
18.5217


 123.6195,  
119.6533, 104.0930

 18.0056, 16.1338,  
11.1519

155.2822,  
151.2326, 133.8815

 11.0537, 9.6189,  
6.0536

191.9365,  
187.9301, 168.8714

 6.1705, 5.1470,  
2.8084

233.9476,  
230.1301, 209.4811

 2.9907, 2.3338,  
0.9976

281.6810,

 1.1488, 0.7915,

278.2172, 256.1293

0.0000

335.5021,  
332.5756, 309.2344

■ 0.0654, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.9270, 51.7808,  
41.7501

■ 54.9270, 51.7808,  
41.7501

■ 49.8709, 44.6483,  
30.8784

■ 60.7670, 59.8911,  
54.7012

■ 45.5601, 38.4490,  
21.9738

■ 67.4191, 69.0072,  
69.8296

■ 41.9587, 33.1454,  
14.9180

■ 74.9150, 79.1651,  
87.2310

■ 39.0259, 28.6948,  
9.5787

■ 83.2837, 90.3967,  
106.9941

■ 36.7166, 25.0503,  
5.8059

■ 85.8050, 95.2340,  
108.4673

■ 34.9792, 22.1605,  
3.4229

■ 33.7448, 19.9639,  
2.1725

■ 33.5924, 19.6888,  
2.0298

# Harmonies

## Analogous

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



57.1917, 51.7808, 50.5186



54.9270, 51.7808, 41.7501



51.1941, 51.7808, 37.2403

# Triad

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



54.9270, 51.7808, 41.7501



41.9778, 51.7808, 50.9727



51.3689, 51.7808, 80.9937

# Complementary

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



54.9270, 51.7808, 41.7501



52.4015, 59.9747, 82.2134

# 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.



47.2897, 51.7808, 81.1600



54.9270, 51.7808, 41.7501



42.0188, 51.7808, 62.6792

# Square

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



54.9270, 51.7808, 41.7501



43.8001, 51.7808, 42.0426



43.9154, 51.7808, 74.0825



55.0611, 51.7808, 73.6556



# Rectangle

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



54.9270, 51.7808, 41.7501



48.4465, 51.7808, 36.7908



43.9154, 51.7808, 74.0825



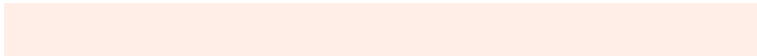
49.9938, 51.7808, 81.9210

# Sweetspot

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



54.9284, 51.7832, 41.7512



86.4028, 88.2695, 88.8650



56.9446, 47.4298, 68.2761



18.2126, 18.5097, 18.3762



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.



54.9284, 51.7832, 41.7512



66.9626, 61.3518, 45.5053



62.0871, 66.1008, 44.1374



14.6820, 14.9780, 15.0217



19.4795, 11.5331, 1.1994



1.5136, 1.0005, 0.1133

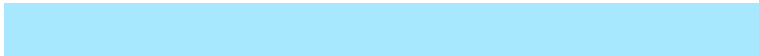


# Inverse Universe

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



52.4015, 59.9747, 82.2134



63.2088, 73.4706, 105.4575



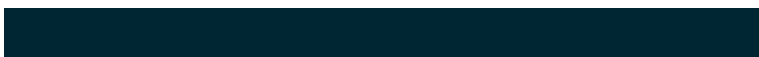
45.2787, 45.7291, 79.8391



14.4717, 15.6647, 18.4052



16.3108, 19.6837, 45.3228



1.2798, 1.6035, 3.3740



# Previews

## White Background



This preview shows how the XYZ color 54.9270, 51.7808, 41.7501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

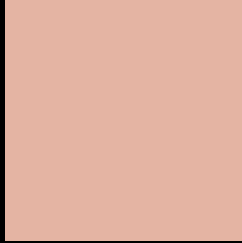
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.9270, 51.7808, 41.7501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

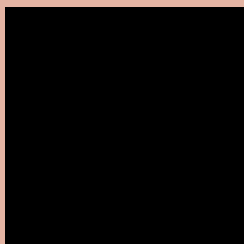
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.9270, 51.7808, 41.7501

## Background



This preview shows how black text looks on a background with the XYZ color 54.9270, 51.7808, 41.7501.



This preview shows how white text looks on a background with the XYZ color 54.9270, 51.7808,

41.7501.

# 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

54.9270, 51.7808, 41.7501

### Protanopia

49.0345, 51.7962, 44.4591

### Deuteranopia

52.8755, 51.9497, 41.4229



## Tritanopia

57.7746, 51.7573, 55.6603

# Trichromacy



## Original Color

54.9270, 51.7808, 41.7501

## Protanomaly

51.0202, 51.5726, 43.3419

## Deuteranomaly

53.5793, 52.0052, 41.3965

## Tritanomaly

56.5935, 51.5626, 50.1498

# Monochromacy



## Original Color

54.9270, 51.7808, 41.7501

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

51.5005, 52.2818, 51.0931

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9270, 51.7808, 41.7501 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(228, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 163)  
}
```

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(228, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 163) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9270, 51.7808, 41.7501 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(228, 180, 163) }
```



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

```
.border{ border-color:rgb(228, 180, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
163) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9270, 51.7808, 41.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 163) }
```

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

```
.background{ background-color: rgb(228,  
180, 163) }
```

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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