

# Converting Colors

XYZ(50.1947, 44.0928, 37.7634)

Have a look what the booklet for  
XYZ(50.1947, 44.0928, 37.7634)  
contains.

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# Color

**XYZ(50.1947, 44.0928,  
37.7635)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A19D
RGB	226, 161, 157
RGB Percent	89%, 63%, 62%
CMY	0.1137, 0.3686, 0.3843
CMYK	0.00, 0.29, 0.31, 0.11
HSL	3°, 54%, 75%
HSV	3°, 31%, 89%
XYZ	50.1947, 44.0928, 37.7635
YIQ	179.9790, 40.0240, 12.5360

# Conversions

## Conversions Part 2

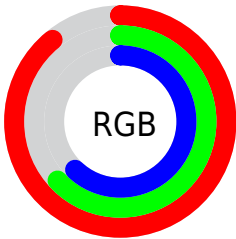
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 161, 157
Decimal	14852509
CIE Lab	72.29, 23.59, 11.71
CIE LCh	72, 26.333, 26.394
Yxy	44.0928, 0.3801, 0.3339
Android (android.graphics.Color)	4293042589 (0xFFE2A19D)
YUV	179.9790, -11.3286, 40.3604
Hunter-Lab	66.4024, 18.7269, 12.7631

# Details

The XYZ color **50.1947, 44.0928, 37.7635** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7525, 64.8995, 81.6455**, and the grayscale version is **43.4160, 45.6770, 49.7423**.

A 20% lighter version of the original color is **77.6795, 75.1252, 72.6938**, and **24.4323, 20.4129, 16.2880** is the 20% darker color. If you saturate the color by 10%, you get **45.0321, 36.5749, 27.3875**, and if you desaturate by 10%, it is **56.3500, 53.0243, 50.2321**.

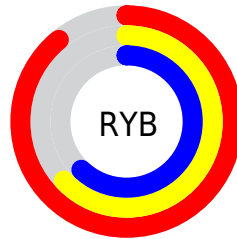
# Distribution



Red (89%)

Green (63%)

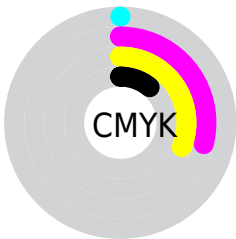
Blue (62%)



Red (89%)

Yellow (63%)

Blue (62%)

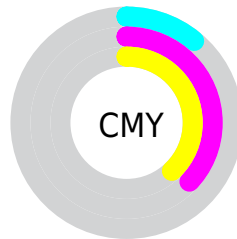


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (11%)



Cyan (11%)

Magenta (37%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1947, 44.0928, 37.7635 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 50.1947, 44.0928, 37.7635 by changing the saturation by 10% instead.





 50.1947, 44.0928,  
37.7635


 50.1947, 44.0928,  
37.7635


377.8663,  
363.0868, 351.8721

 35.7866, 30.7435,  
25.4988


 89.6534, 81.3574,  
72.9449

 24.4387, 20.4036,  
16.2267


 115.4346,  
106.0414, 96.6987

 15.7859, 12.6888,  
9.5286


145.7376,  
135.2724, 125.1192

 9.4627, 7.2146,  
4.9860

180.9277,  
169.4349, 158.6250

 5.1037, 3.5967,  
2.1805

221.3703,  
208.9132, 197.6347

 2.3436, 1.4506,  
0.6631

267.4307,

 0.8168, 0.2536,

254.0917, 242.5667

0.0000

319.4742,  
305.3548, 293.8397

■ 0.0000, 0.0000,  
0.0000

■ 50.1947, 44.0928,  
37.7635

■ 50.1947, 44.0928,  
37.7635

■ 45.0321, 36.5749,  
27.3875

■ 56.3500, 53.0243,  
50.2321

■ 40.8067, 30.3923,  
18.9868

■ 63.5424, 63.4301,  
64.8963

■ 37.4634, 25.4688,  
12.4370

■ 71.8179, 75.3748,  
81.8557

■ 34.9396, 21.7178,  
7.5981

■ 81.2188, 88.9174,  
101.2028

■ 33.1643, 19.0418,  
4.3105

■ 85.1741, 94.9088,  
108.4378

■ 32.0547, 17.3275,  
2.3842

■ 31.5095, 16.4596,  
1.5163

# Harmonies

## Analogous

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



51.2048, 44.0928, 49.5936



50.1947, 44.0928, 37.7635



46.9107, 44.0928, 30.1046

# Triad

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



50.1947, 44.0928, 37.7635



35.0727, 44.0928, 35.4977



41.3641, 44.0928, 77.4156

# Complementary

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



50.1947, 44.0928, 37.7635



53.7525, 64.8995, 81.6455

# 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.



37.2759, 44.0928, 71.8940



50.1947, 44.0928, 37.7635



33.8122, 44.0928, 46.4596

# Square

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



50.1947, 44.0928, 37.7635



38.1592, 44.0928, 28.9712



34.5891, 44.0928, 59.9591



45.8965, 44.0928, 73.9646



# Rectangle

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



50.1947, 44.0928, 37.7635



43.9889, 44.0928, 27.6368



34.5891, 44.0928, 59.9591



39.8955, 44.0928, 76.5254

# Sweetspot

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



50.1959, 44.0949, 37.7644



85.0598, 85.5834, 88.4173



56.6800, 45.5866, 75.3063



17.8845, 17.8534, 18.2668



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.



50.1959, 44.0949, 37.7644



61.3013, 51.1391, 40.1965



56.9541, 57.6113, 40.0171



13.7708, 13.8275, 14.2500



18.0040, 9.4460, 0.8743



1.2708, 0.7004, 0.0682



# Inverse Universe

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



53.7525, 64.8995, 81.6455



66.7154, 82.8366, 107.0805



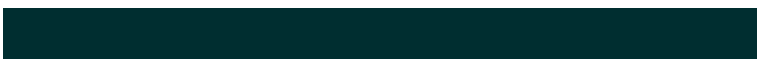
45.6264, 48.6474, 78.9368



14.0449, 15.4289, 17.6255



21.4202, 30.3100, 45.7698

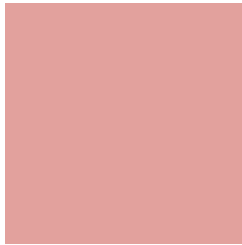


1.5058, 2.1430, 3.1795



# Previews

## White Background



This preview shows how the XYZ color 50.1947, 44.0928, 37.7635 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 50.1947, 44.0928, 37.7635 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 50.1947, 44.0928, 37.7635**

## **Background**



This preview shows how black text looks on a background with the XYZ color 50.1947, 44.0928, 37.7635.



This preview shows how white text looks on a background with the XYZ color 50.1947, 44.0928,

37.7635.

# 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

50.1947, 44.0928, 37.7635

### Protanopia

42.2808, 44.3512, 41.9295

### Deuteranopia

45.1079, 44.1889, 37.1622



## Tritanopia

51.4274, 44.0674, 44.3234

# Trichromacy



## Original Color

50.1947, 44.0928, 37.7635

## Protanomaly

44.6377, 43.8766, 40.2988

## Deuteranomaly

46.6834, 43.8866, 37.4630

## Tritanomaly

51.1323, 44.2257, 41.9178

# Monochromacy



## Original Color

50.1947, 44.0928, 37.7635

## Achromatopsia

43.3819, 45.6411, 49.7032

## Achromatomaly

45.4159, 44.7360, 45.2710

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.1947, 44.0928, 37.7635 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, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 157)  
}
```

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, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 50.1947, 44.0928, 37.7635 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, 161, 157) }
```



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

```
.border{ border-color:rgb(226, 161, 157) }
```

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

Here you see how a box with a 4 pixel rgb(226, 161, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(226, 161,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.1947, 44.0928, 37.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 157) }
```

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

```
.background{ background-color: rgb(226,  
161, 157) }
```

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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