

Converting Colors

XYZ(45.4997, 36.2563, 28.3426)

Have a look what the booklet for
XYZ(45.4997, 36.2563, 28.3426)
contains.

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Color

**XYZ(45.4559, 36.1914,
28.2568)**

Conversions

Conversions Part 1

Format	Color
Hex	E48989
RGB	228, 137, 137
RGB Percent	89%, 54%, 54%
CMY	0.1059, 0.4627, 0.4627
CMYK	0.00, 0.40, 0.40, 0.11
HSL	0°, 63%, 72%
HSV	0°, 40%, 89%
XYZ	45.4559, 36.1914, 28.2568
YIQ	164.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

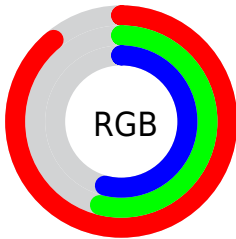
Format	Color
R _Y B	228, 137, 137
Decimal	14977417
CIE Lab	66.67, 34.69, 14.96
CIE LCh	67, 37.778, 23.323
Yxy	36.1914, 0.4136, 0.3293
Android (android.graphics.Color)	4293167497 (0xFFE48989)
YUV	164.2090, -13.4140, 55.9447
Hunter-Lab	60.1593, 29.5945, 14.2630

Details

The XYZ color **45.4559, 36.1914, 28.2568** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.0623, 66.4039, 83.4720**, and the grayscale version is **35.4308, 37.2759, 40.5935**.

A 20% lighter version of the original color is **69.1651, 62.2393, 57.0832**, and **21.5464, 15.7312, 10.9176** is the 20% darker color. If you saturate the color by 10%, you get **41.0843, 29.7949, 19.5653**, and if you desaturate by 10%, it is **50.8596, 44.0991, 38.9979**.

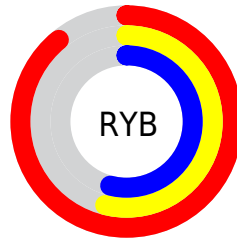
Distribution



Red (89%)

Green (54%)

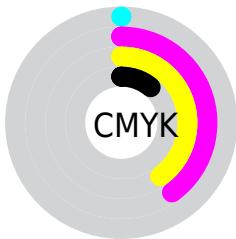
Blue (54%)



Red (89%)

Yellow (54%)

Blue (54%)

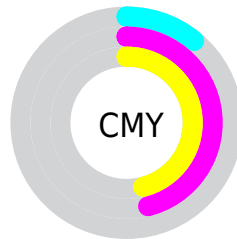


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (11%)



Cyan (11%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4559, 36.1914, 28.2568 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 45.4559, 36.1914, 28.2568 by changing the saturation by 10% instead.


 45.4559, 36.1914,
28.2568


 45.4559, 36.1914,
28.2568


359.3696,
329.7963, 307.6424


 32.0195, 24.5821,
18.2786


 82.6370, 69.3274,
57.9222

 21.5320, 15.7659,
10.9787


 107.1123, 91.6228,
78.4465

 13.6281, 9.3587,
5.9385


 135.9981,
118.2491, 103.3232

 7.9424, 4.9759,
2.7395

169.6595,
149.5905, 132.9709

 4.1096, 2.2331,
0.9632

208.4620,
186.0316, 167.8082

 1.7643, 0.7380,
0.0000

252.7710,

 0.4960, 0.0000,

227.9566, 208.2535

0.0000

302.9517,
275.7501, 254.7254

0.0000, 0.0000,
0.0000

45.4559, 36.1914,
28.2568

45.4559, 36.1914,
28.2568

41.0843, 29.7949,
19.5653

50.8596, 44.0991,
38.9979

37.6767, 24.8085,
12.7912

57.3525, 53.5999,
51.9054

35.1609, 21.1271,
7.7903

64.9905, 64.7765,
67.0895

33.4537, 18.6289,
4.3968

73.8252, 77.7041,
84.6526

32.4562, 17.1691,
2.4140

83.9048, 92.4533,
104.6907

■ 31.9983, 16.4990,
1.5039

■ 85.8049, 95.2340,
108.4673

■ 31.9950, 16.4942,
1.4974

Harmonies

Analogous

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



46.4503, 36.1914, 43.1631



45.4559, 36.1914, 28.2568



41.3566, 36.1914, 19.2392

Triad

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



45.4559, 36.1914, 28.2568



26.3489, 36.1914, 23.4967



33.1423, 36.1914, 79.4405

Complementary

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



45.4559, 36.1914, 28.2568



52.0623, 66.4039, 83.4720

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.



28.2688, 36.1914, 70.2580



45.4559, 36.1914, 28.2568



24.6361, 36.1914, 35.8740

Square

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



45.4559, 36.1914, 28.2568



30.2464, 36.1914, 17.0674



25.2981, 36.1914, 53.1595



38.9150, 36.1914, 75.7523

Rectangle

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



45.4559, 36.1914, 28.2568



37.6352, 36.1914, 16.3660



25.2981, 36.1914, 53.1595



31.3535, 36.1914, 77.6894

Sweetspot

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



45.4568, 36.1932, 28.2575



81.5126, 80.1910, 81.9880



54.9443, 39.9870, 78.2211



17.1609, 16.7454, 16.9798



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.



45.4568, 36.1932, 28.2575



53.7798, 39.6100, 26.8567



53.3409, 51.9614, 30.8855



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



52.0623, 66.4039, 83.4720



63.4177, 83.6898, 107.4190



41.1509, 44.5812, 79.8348



14.8074, 16.3363, 18.5171



24.1043, 35.2707, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 45.4559, 36.1914, 28.2568 looks on a white background.

Color Contrast Check

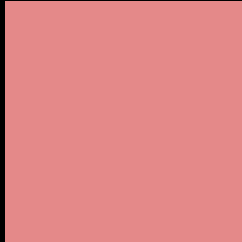
Large Text (above 18pt) WCAG AA × Fail

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 45.4559, 36.1914, 28.2568 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 45.4559, 36.1914, 28.2568

Background



This preview shows how black text looks on a background with the XYZ color 45.4559, 36.1914, 28.2568.



This preview shows how white text looks on a background with the XYZ color 45.4559, 36.1914,

28.2568.

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

45.4559, 36.1914, 28.2568

Protanopia

34.7875, 36.4777, 34.0616

Deuteranopia

36.9306, 36.1895, 27.5931



Tritanopia

46.3056, 36.3417, 31.7682

Trichromacy



Original Color

45.4559, 36.1914, 28.2568

Protanomaly

37.7373, 35.7739, 31.7042

Deuteranomaly

39.7492, 35.9407, 27.7639

Tritanomaly

46.0752, 36.2495, 30.5550

Monochromacy



Original Color

45.4559, 36.1914, 28.2568

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.8819, 36.0091, 35.5257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4559, 36.1914, 28.2568 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(228, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 45.4559, 36.1914, 28.2568 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, 137, 137) }
```


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

```
.border{ border-color:rgb(228, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(228, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4559, 36.1914, 28.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 137, 137) }
```

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

```
.background{ background-color: rgb(228,  
137, 137) }
```

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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