

Converting Colors

XYZ(44.7654, 36.5336, 29.0260)

Have a look what the booklet for
XYZ(44.7654, 36.5336, 29.0260)
contains.

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Color

**XYZ(44.7788, 36.4675,
29.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	E08C8B
RGB	224, 140, 139
RGB Percent	88%, 55%, 55%
CMY	0.1216, 0.4510, 0.4549
CMYK	0.00, 0.37, 0.38, 0.12
HSL	1°, 58%, 71%
HSV	1°, 38%, 88%
XYZ	44.7788, 36.4675, 29.1049
YIQ	165.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

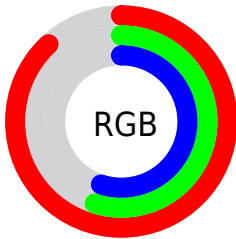
Format	Color
R _Y B	224, 140, 139
Decimal	14716043
CIE Lab	66.88, 31.84, 14.05
CIE LCh	67, 34.800, 23.820
Yxy	36.4675, 0.4058, 0.3305
Android (android.graphics.Color)	4292906123 (0xFFE08C8B)
YUV	165.0020, -12.8190, 51.7412
Hunter-Lab	60.3883, 26.6807, 13.6963

Details

The XYZ color **44.7788, 36.4675, 29.1049** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.4887, 63.6439, 80.1447**, and the grayscale version is **35.8086, 37.6734, 41.0264**.

A 20% lighter version of the original color is **70.0462, 63.6493, 58.4629**, and **21.1014, 15.9730, 11.4221** is the 20% darker color. If you saturate the color by 10%, you get **40.3912, 30.0487, 20.3780**, and if you desaturate by 10%, it is **50.1542, 44.3251, 39.8161**.

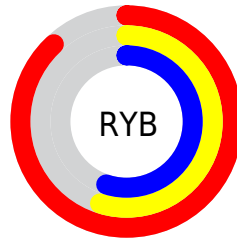
Distribution



Red (88%)

Green (55%)

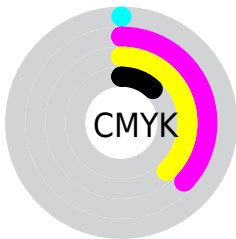
Blue (55%)



Red (88%)

Yellow (55%)

Blue (55%)

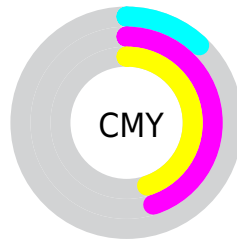


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7788, 36.4675, 29.1049 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 44.7788, 36.4675, 29.1049 by changing the saturation by 10% instead.


 44.7788, 36.4675,
29.1049


 44.7788, 36.4675,
29.1049


356.6757,
330.9993, 311.7860


 31.4838, 24.7955,
18.9139


 81.6275, 69.7530,
59.2879

 21.1211, 15.9247,
11.4319


 105.9119, 92.1353,
80.1170

 13.3255, 9.4709,
6.2403


 134.5900,
118.8565, 105.3292

 7.7316, 5.0496,
2.9206

168.0274,
150.3009, 135.3431

 3.9741, 2.2764,
1.0542

206.5893,
186.8530, 170.5771

 1.6875, 0.7612,
0.0000

250.6411,

 0.4484, 0.0000,

228.8972, 211.4500

0.0000

300.5481,
276.8178, 258.3801

■ 0.0000, 0.0000,
0.0000

■ 44.7788, 36.4675,
29.1049

■ 44.7788, 36.4675,
29.1049

■ 40.3912, 30.0487,
20.3780

■ 50.1542, 44.3251,
39.8161

■ 36.9287, 24.9766,
13.5116

■ 56.5694, 53.6956,
52.6209

■ 34.3259, 21.1569,
8.3714

■ 64.0761, 64.6544,
67.6230

■ 32.5077, 18.4810,
4.8041

■ 72.7218, 77.2703,
84.9189

■ 31.3859, 16.8214,
2.6296

■ 82.5512, 91.6083,
104.5990

■ 30.8439, 16.0136,
1.5974

■ 84.5506, 94.5873,
108.4086

■ 30.7693, 15.9048,
1.4482

Harmonies

Analogous

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



45.7393, 36.4675, 42.9127



44.7788, 36.4675, 29.1049



40.9918, 36.4675, 20.5916

Triad

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



44.7788, 36.4675, 29.1049



27.1108, 36.4675, 24.9249



33.5821, 36.4675, 76.0973

Complementary

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



44.7788, 36.4675, 29.1049



50.4887, 63.6439, 80.1447

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.



29.0186, 36.4675, 68.0290



44.7788, 36.4675, 29.1049



25.5341, 36.4675, 36.6649

Square

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



44.7788, 36.4675, 29.1049



30.7290, 36.4675, 18.6407



26.1955, 36.4675, 52.6138



38.9155, 36.4675, 72.5996

Rectangle

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



44.7788, 36.4675, 29.1049



37.5614, 36.4675, 17.8534



26.1955, 36.4675, 52.6138



31.9144, 36.4675, 74.5944

Sweetspot

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



44.7798, 36.4693, 29.1056



82.6444, 81.8956, 84.0885



53.4279, 39.6947, 75.3671



17.3898, 17.0918, 17.3998



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.



44.7798, 36.4693, 29.1056



55.0509, 41.5766, 29.0546



52.0267, 50.9632, 31.5213



13.7202, 13.7263, 14.2331



17.9158, 9.2694, 0.8449



1.2465, 0.6518, 0.0601

Inverse Universe

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



50.4887, 63.6439, 80.1447



63.8009, 83.2362, 107.3113



40.7281, 44.1226, 76.8911



14.1020, 15.5431, 17.6445



22.9425, 33.3546, 46.2772



1.5948, 2.3210, 3.2092

Previews

White Background



This preview shows how the XYZ color 44.7788, 36.4675, 29.1049 looks on a white background.

Color Contrast Check

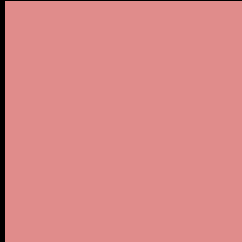
Large Text (above 18pt) WCAG AA × Fail

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 44.7788, 36.4675, 29.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

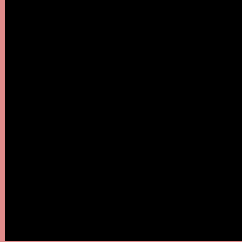
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7788, 36.4675, 29.1049

Background



This preview shows how black text looks on a background with the XYZ color 44.7788, 36.4675, 29.1049.



This preview shows how white text looks on a background with the XYZ color 44.7788, 36.4675,

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

44.7788, 36.4675, 29.1049

Protanopia

35.0453, 36.8638, 34.5465

Deuteranopia

37.2399, 36.5829, 28.3910



Tritanopia

45.5646, 36.3544, 33.0494

Trichromacy



Original Color

44.7788, 36.4675, 29.1049

Protanomaly

37.9741, 36.3681, 32.6221

Deuteranomaly

39.6694, 36.3569, 28.5937

Tritanomaly

45.3948, 36.5171, 31.4440

Monochromacy



Original Color

44.7788, 36.4675, 29.1049

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.1389, 36.6163, 36.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7788, 36.4675, 29.1049 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(224, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(224, 140, 139)  
}
```

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(224, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 140, 139) }
```

Border

The CSS property to change the border of an element to XYZ 44.7788, 36.4675, 29.1049 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(224, 140, 139) }
```


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

```
.border{ border-color:rgb(224, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(224, 140,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7788, 36.4675, 29.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 140, 139) }
```

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

```
.background{ background-color: rgb(224,  
140, 139) }
```

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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