

# Converting Colors

XYZ(44.4866, 36.1399, 26.4554)

Have a look what the booklet for  
XYZ(44.4866, 36.1399, 26.4554)  
contains.

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# Color

**XYZ(44.4488, 36.1387,  
26.4626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E18B84
RGB	225, 139, 132
RGB Percent	88%, 55%, 52%
CMY	0.1176, 0.4549, 0.4823
CMYK	0.00, 0.38, 0.41, 0.12
HSL	5°, 61%, 70%
HSV	5°, 41%, 88%
XYZ	44.4488, 36.1387, 26.4626
YIQ	163.9160, 53.5030, 16.0550

# Conversions

## Conversions Part 2

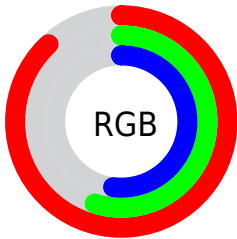
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 140, 132</a>
Decimal	<a href="#">14781316</a>
CIELab	<a href="#">66.63, 31.95, 17.65</a>
CIELCh	<a href="#">67, 36.504, 28.910</a>
Yxy	<a href="#">36.1387, 0.4152, 0.3376</a>
Android (android.graphics.Color)	<a href="#">4292971396</a> ( <a href="#">0xFFE18B84</a> )
YUV	<a href="#">163.9160, -15.7346, 53.5707</a>
Hunter-Lab	<a href="#">60.1155, 26.7791, 15.9816</a>

# Details

The XYZ color **44.4488, 36.1387, 26.4626** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.1766, 60.4821, 80.3691**, and the grayscale version is **35.3022, 37.1406, 40.4461**.

A 20% lighter version of the original color is **69.0669, 62.9027, 54.4002**, and **20.9874, 15.8195, 10.1309** is the 20% darker color. If you saturate the color by 10%, you get **40.3408, 30.1267, 18.2987**, and if you desaturate by 10%, it is **49.4640, 43.4336, 36.5677**.

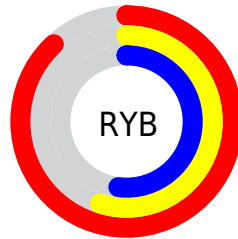
# Distribution



Red (88%)

Green (55%)

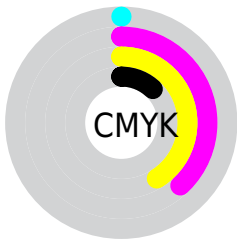
Blue (52%)



Red (88%)

Yellow (55%)

Blue (52%)

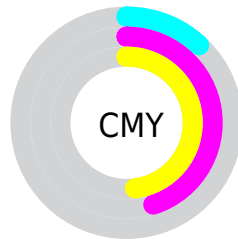


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (45%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4488, 36.1387, 26.4626 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 44.4488, 36.1387, 26.4626 by changing the saturation by 10% instead.





 44.4488, 36.1387,  
26.4626


 44.4488, 36.1387,  
26.4626


355.3579,  
329.5664, 298.7230


 31.2229, 24.5413,  
16.9412


 81.1348, 69.2461,  
55.0135

 20.9213, 15.7357,  
10.0310


 105.3257, 91.5249,  
74.8801

 13.1786, 9.3373,  
5.3137


 133.9022,  
118.1330, 99.0321

 7.6295, 4.9618,  
2.3705

167.2298,  
149.4548, 127.8881

 3.9086, 2.2249,  
0.7703

205.6739,  
185.8746, 161.8667

 1.6506, 0.7335,  
0.0000

249.5996,

 0.4250, 0.0000,

227.7769, 201.3863

0.0000

299.3726,  
275.5460, 246.8656

0.0000, 0.0000,  
0.0000

44.4488, 36.1387,  
26.4626

44.4488, 36.1387,  
26.4626

40.3408, 30.1267,  
18.2987

49.4640, 43.4336,  
36.5677

37.0830, 25.3183,  
11.9495

55.4332, 52.0739,  
48.7252

34.6163, 21.6340,  
7.2769

62.4035, 62.1246,  
63.0407

32.8730, 18.9823,  
4.1220

70.4179, 73.6448,  
79.6115

31.7736, 17.2572,  
2.2951

79.5169, 86.6902,  
98.5294

■ 31.2509, 16.4068,  
1.5197

■ 84.8613, 94.7475,  
108.4232

# Harmonies

## Analogous

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



46.0278, 36.1387, 39.9274



44.4488, 36.1387, 26.4626



40.0966, 36.1387, 18.7139

# Triad

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



44.4488, 36.1387, 26.4626



26.0747, 36.1387, 25.7046



34.1481, 36.1387, 78.0015

# Complementary

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



44.4488, 36.1387, 26.4626



48.1766, 60.4821, 80.3691

# 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.



29.1783, 36.1387, 71.3519



44.4488, 36.1387, 26.4626



24.8340, 36.1387, 38.7760

# Square

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



44.4488, 36.1387, 26.4626



29.4917, 36.1387, 18.3653



25.9078, 36.1387, 55.8580



39.7118, 36.1387, 72.2114



# Rectangle

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



44.4488, 36.1387, 26.4626



36.4207, 36.1387, 16.5039



25.9078, 36.1387, 55.8580



32.3569, 36.1387, 77.1221

# Sweetspot

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



44.4497, 36.1405, 26.4633



82.1373, 81.4404, 82.1962



52.0626, 37.6143, 71.3961



17.3063, 17.0364, 17.0283



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.



44.4497, 36.1405, 26.4633



54.0638, 40.7261, 25.2614



52.5026, 52.2462, 29.1476



13.7898, 13.8655, 14.2563



18.0404, 9.5186, 0.8864



1.2799, 0.7186, 0.0712



# Inverse Universe

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



48.1766, 60.4821, 80.3691



59.6496, 77.3155, 106.3873



37.9163, 39.9615, 76.9490



14.0236, 15.3863, 17.6184



20.8750, 29.2196, 45.5881



1.4736, 2.0787, 3.1688



# Previews

## White Background



This preview shows how the XYZ color 44.4488, 36.1387, 26.4626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

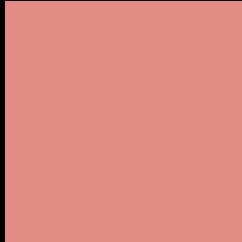
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 44.4488, 36.1387, 26.4626 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 44.4488, 36.1387, 26.4626**

## **Background**



This preview shows how black text looks on a background with the XYZ color 44.4488, 36.1387, 26.4626.



This preview shows how white text looks on a background with the XYZ color 44.4488, 36.1387,

26.4626.

# 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

44.4488, 36.1387, 26.4626

### Protanopia

34.4558, 36.3699, 31.1907

### Deuteranopia

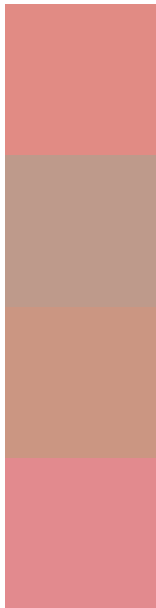
37.0861, 36.3091, 25.8226



## Tritanopia

45.5762, 36.1667, 32.1825

# Trichromacy



## Original Color

44.4488, 36.1387, 26.4626

## Protanomaly

37.4510, 35.9224, 29.3859

## Deuteranomaly

39.5642, 36.1209, 26.0059

## Tritanomaly

45.3350, 36.2987, 30.2081

# Monochromacy



## Original Color

44.4488, 36.1387, 26.4626

## Achromatopsia

35.2861, 37.1238, 40.4278

## Achromatomaly

37.6385, 36.1488, 34.6994

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 44.4488, 36.1387, 26.4626 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(225, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 139, 132)  
}
```

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(225, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 139, 132) }
```

## Border

The CSS property to change the border of an element to XYZ 44.4488, 36.1387, 26.4626 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(225, 139, 132) }
```



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

```
.border{ border-color:rgb(225, 139, 132) }
```

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

Here you see how a box with a 4 pixel rgb(225, 139, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 139,  
132) }
```

# Background

The CSS property to change the background color of an element to XYZ 44.4488, 36.1387, 26.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 139, 132) }
```

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

```
.background{ background-color: rgb(225,  
139, 132) }
```

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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