

Converting Colors

XYZ(45.6385, 37.9212, 27.1774)

Have a look what the booklet for
XYZ(45.6385, 37.9212, 27.1774)
contains.

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Color

**XYZ(45.5709, 37.8087,
27.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	E29085
RGB	226, 144, 133
RGB Percent	89%, 56%, 52%
CMY	0.1137, 0.4353, 0.4784
CMYK	0.00, 0.36, 0.41, 0.11
HSL	7°, 62%, 70%
HSV	7°, 41%, 89%
XYZ	45.5709, 37.8087, 27.0863
YIQ	167.2640, 52.4030, 13.9630

Conversions

Conversions Part 2

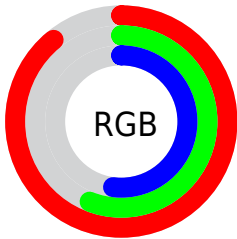
Format	Color
R_{YB}	226, 145, 133
Decimal	14848133
CIE _{Lab}	67.88, 29.79, 18.84
CIE _{LCh}	68, 35.245, 32.304
Yxy	37.8087, 0.4125, 0.3423
Android (android.graphics.Color)	4293038213 (0xFFE29085)
YUV	167.2640, -16.8922, 51.5115
Hunter-Lab	61.4888, 24.6855, 16.9244

Details

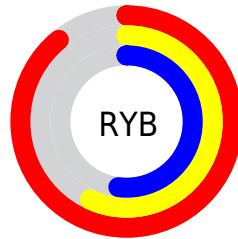
The XYZ color **45.5709, 37.8087, 27.0863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.6997, 59.0760, 80.8401**, and the grayscale version is **36.9221, 38.8449, 42.3021**.

A 20% lighter version of the original color is **70.5264, 65.6520, 55.4093**, and **21.6241, 16.7781, 10.2824** is the 20% darker color. If you saturate the color by 10%, you get **41.4181, 31.7387, 18.8099**, and if you desaturate by 10%, it is **50.5942, 45.0820, 37.3108**.

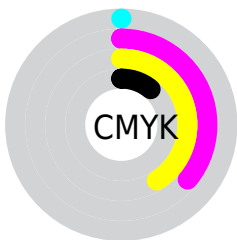
Distribution



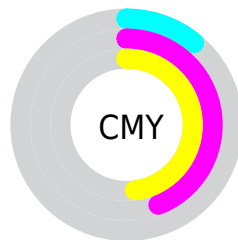
- Red (89%)
- Green (56%)
- Blue (52%)



- Red (89%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5709, 37.8087, 27.0863 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 45.5709, 37.8087, 27.0863 by changing the saturation by 10% instead.


 45.5709, 37.8087,
27.0863


 45.5709, 37.8087,
27.0863


359.8257,
336.7986, 301.8481


 32.1105, 25.8342,
17.4050


 82.8082, 71.8148,
56.0277

 21.6019, 16.6997,
10.3587


 107.3159, 94.6153,
76.1250

 13.6796, 10.0206,
5.5287

 136.2368,
121.7932, 100.5313

 7.9784, 5.4126,
2.4966

169.9361,
153.7330, 129.6653

 4.1328, 2.4913,
0.8383

208.7794,
190.8191, 163.9454

 1.7775, 0.8723,
0.0000

253.1318,

 0.5041, 0.0000,

233.4357, 203.7902

0.0000

303.3588,
281.9675, 249.6183

■ 0.0000, 0.0000,
0.0000

■ 45.5709, 37.8087,
27.0863

■ 45.5709, 37.8087,
27.0863

■ 41.4181, 31.7387,
18.8099

■ 50.5942, 45.0820,
37.3108

■ 38.0831, 26.8018,
12.3555

■ 56.5309, 53.6129,
49.5943

■ 35.5121, 22.9290,
7.5857

■ 63.4245, 63.4591,
64.0418

■ 33.6433, 20.0413,
4.3425

■ 71.3148, 74.6730,
80.7506

■ 32.4051, 18.0489,
2.4377

■ 80.2395, 87.3041,
99.8120

■ 31.7500, 16.9409,
1.5965

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



47.4931, 37.8087, 39.9691



45.5709, 37.8087, 27.0863



41.0453, 37.8087, 19.8544

Triad

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



45.5709, 37.8087, 27.0863



27.4107, 37.8087, 28.7029



36.3602, 37.8087, 79.1590

Complementary

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



45.5709, 37.8087, 27.0863



47.6997, 59.0760, 80.8401

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.



31.2694, 37.8087, 73.9814



45.5709, 37.8087, 27.0863



26.4247, 37.8087, 42.3892

Square

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



45.5709, 37.8087, 27.0863



30.6072, 37.8087, 20.6079



27.7650, 37.8087, 59.4380



41.8501, 37.8087, 72.2072

Rectangle

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



45.5709, 37.8087, 27.0863



37.3619, 37.8087, 17.9637



27.7650, 37.8087, 59.4380



34.5469, 37.8087, 78.7780

Sweetspot

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



45.5719, 37.8106, 27.0870



82.4981, 82.1619, 82.3165



52.0367, 37.8581, 68.9558



17.3905, 17.2046, 17.0564



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.



45.5719, 37.8106, 27.0870



55.3729, 43.0737, 26.5323



54.0871, 54.8411, 29.9254



13.8372, 13.9604, 14.2721



18.1581, 9.7540, 0.9257



1.3025, 0.7638, 0.0788

Inverse Universe

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



47.6997, 59.0760, 80.8401



58.4868, 74.4162, 105.8889



37.5236, 38.7238, 77.4481



13.9709, 15.2809, 17.6008



19.5744, 26.6184, 45.1545



1.3965, 1.9244, 3.1431

Previews

White Background



This preview shows how the XYZ color 45.5709, 37.8087, 27.0863 looks on a white background.

Color Contrast Check

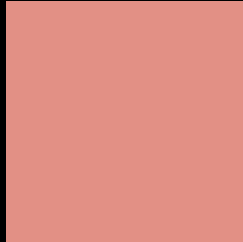
Large Text (above 18pt) WCAG AA × Fail

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 45.5709, 37.8087, 27.0863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

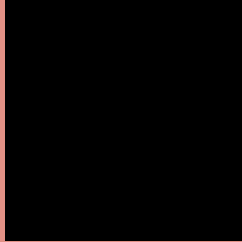
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5709, 37.8087, 27.0863

Background



This preview shows how black text looks on a background with the XYZ color 45.5709, 37.8087, 27.0863.



This preview shows how white text looks on a background with the XYZ color 45.5709, 37.8087,

27.0863.

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

45.5709, 37.8087, 27.0863

Protanopia

35.8686, 37.8921, 31.4100

Deuteranopia

38.6755, 37.8773, 26.3917



Tritanopia

47.1873, 37.8107, 34.5169

Trichromacy



Original Color

45.5709, 37.8087, 27.0863

Protanomaly

38.7095, 37.3155, 29.5885

Deuteranomaly

41.1059, 37.8717, 26.6162

Tritanomaly

46.4624, 37.7212, 31.6202

Monochromacy



Original Color

45.5709, 37.8087, 27.0863

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.0536, 37.8542, 36.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5709, 37.8087, 27.0863 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, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 144, 133)  
}
```

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, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 144, 133) }
```

Border

The CSS property to change the border of an element to XYZ 45.5709, 37.8087, 27.0863 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, 144, 133) }
```


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

```
.border{ border-color:rgb(226, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(226, 144,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5709, 37.8087, 27.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 144, 133) }
```

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

```
.background{ background-color: rgb(226,  
144, 133) }
```

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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