

Converting Colors

XYZ(45.5006, 37.7814, 27.8317)

Have a look what the booklet for
XYZ(45.5006, 37.7814, 27.8317)
contains.

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Color

**XYZ(45.3978, 37.7033,
27.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	E19087
RGB	225, 144, 135
RGB Percent	88%, 56%, 53%
CMY	0.1176, 0.4353, 0.4706
CMYK	0.00, 0.36, 0.40, 0.12
HSL	6°, 60%, 71%
HSV	6°, 40%, 88%
XYZ	45.3978, 37.7033, 27.8064
YIQ	167.1930, 51.1650, 14.3730

Conversions

Conversions Part 2

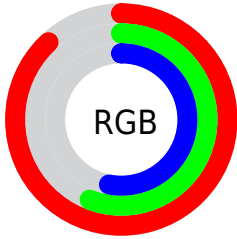
Format	Color
R _Y B	225, 145, 135
Decimal	14782599
CIE Lab	67.80, 29.63, 17.60
CIE LCh	68, 34.461, 30.704
Yxy	37.7033, 0.4093, 0.3400
Android (android.graphics.Color)	4292972679 (0xFFE19087)
YUV	167.1930, -15.8711, 50.6967
Hunter-Lab	61.4030, 24.5172, 16.1326

Details

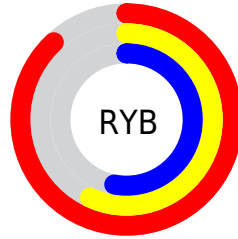
The XYZ color **45.3978, 37.7033, 27.8064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.1372, 59.6966, 80.2198**, and the grayscale version is **36.8830, 38.8038, 42.2573**.

A 20% lighter version of the original color is **70.7405, 65.7377, 56.5372**, and **21.4904, 16.7001, 10.6851** is the 20% darker color. If you saturate the color by 10%, you get **41.1812, 31.5431, 19.3939**, and if you desaturate by 10%, it is **50.5011, 45.1012, 38.1668**.

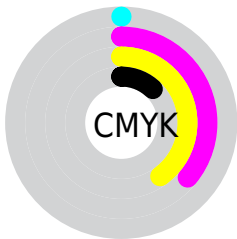
Distribution



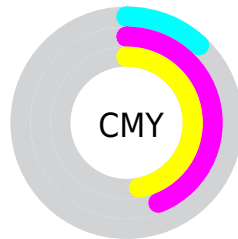
- Red (88%)
- Green (56%)
- Blue (53%)



- Red (88%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3978, 37.7033, 27.8064 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 45.3978, 37.7033, 27.8064 by changing the saturation by 10% instead.


 45.3978, 37.7033,
27.8064

 45.3978, 37.7033,
27.8064


359.1389,
336.3455, 305.4234


 31.9735, 25.7525,
17.9420


 82.5504, 71.6531,
57.1946

 21.4967, 16.6386,
10.7393


 107.0094, 94.4210,
77.5554

 13.6021, 9.9771,
5.7799

 135.8774,
121.5633, 102.2522

 7.9243, 5.3838,
2.6451

169.5197,
153.4644, 131.7034

 4.0979, 2.4742,
0.9156

208.3016,
190.5088, 166.3276

 1.7577, 0.8637,
0.0000

252.5886,

 0.4920, 0.0000,

233.0809, 206.5433

0.0000

302.7459,
281.5650, 252.7691

■ 0.0000, 0.0000,
0.0000

■ 45.3978, 37.7033,
27.8064

■ 45.3978, 37.7033,
27.8064

■ 41.1812, 31.5431,
19.3939

■ 50.5011, 45.1012,
38.1668

■ 37.7978, 26.5477,
12.8052

■ 56.5350, 53.7934,
50.5841

■ 35.1927, 22.6451,
7.9054

■ 63.5436, 63.8398,
65.1619

■ 33.3031, 19.7532,
4.5402

■ 71.5677, 75.2949,
81.9964

■ 32.0563, 17.7779,
2.5266

■ 80.6454, 88.2101,
101.1775

■ 31.3482, 16.6012,
1.5521

■ 84.8614, 94.7476,
108.4232

■ 31.3482, 16.6012,
1.5521

Harmonies

Analogous

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



47.1011, 37.7033, 40.6926



45.3978, 37.7033, 27.8064



41.0925, 37.7033, 20.3943

Triad

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



45.3978, 37.7033, 27.8064



27.6146, 37.7033, 28.2914



35.9620, 37.7033, 77.9861

Complementary

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



45.3978, 37.7033, 27.8064



48.1372, 59.6966, 80.2198

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.



31.0477, 37.7033, 72.3676



45.3978, 37.7033, 27.8064



26.5273, 37.7033, 41.4145

Square

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



45.3978, 37.7033, 27.8064



30.8498, 37.7033, 20.6215



27.7207, 37.7033, 57.9517



41.3322, 37.7033, 71.8422

Rectangle

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



45.3978, 37.7033, 27.8064



37.5183, 37.7033, 18.3520



27.7207, 37.7033, 57.9517



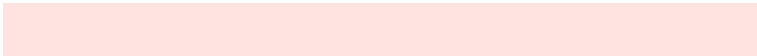
34.2045, 37.7033, 77.3993

Sweetspot

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



45.3988, 37.7052, 27.8071



82.3444, 81.8546, 82.2653



52.1102, 38.2937, 69.6108



17.3546, 17.1329, 17.0444



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.



45.3988, 37.7052, 27.8071



55.5480, 43.1463, 27.4461



53.6223, 54.1523, 30.5483



13.8170, 13.9200, 14.2654



18.1031, 9.6442, 0.9074



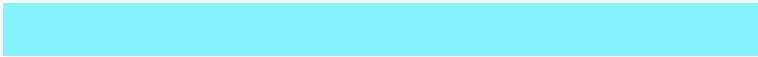
1.2929, 0.7446, 0.0756

Inverse Universe

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



48.1372, 59.6966, 80.2198



59.6367, 76.1278, 106.1587



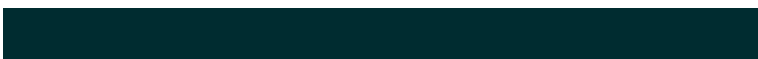
38.1455, 39.7133, 76.8892



13.9933, 15.3256, 17.6083



20.1174, 27.7044, 45.3355



1.4288, 1.9890, 3.1539

Previews

White Background



This preview shows how the XYZ color 45.3978, 37.7033, 27.8064 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 45.3978, 37.7033, 27.8064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

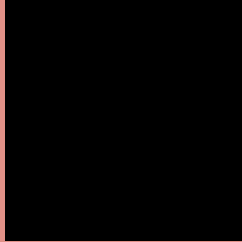
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3978, 37.7033, 27.8064

Background



This preview shows how black text looks on a background with the XYZ color 45.3978, 37.7033, 27.8064.



This preview shows how white text looks on a background with the XYZ color 45.3978, 37.7033,

27.8064.

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

45.3978, 37.7033, 27.8064

Protanopia

35.7995, 37.8388, 32.2049

Deuteranopia

38.5553, 37.7997, 27.0938



Tritanopia

46.8709, 37.6476, 34.5021

Trichromacy



Original Color

45.3978, 37.7033, 27.8064

Protanomaly

38.6029, 37.2435, 30.3534

Deuteranomaly

40.9661, 37.7838, 27.3242

Tritanomaly

46.2253, 37.5901, 32.0134

Monochromacy



Original Color

45.3978, 37.7033, 27.8064

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 45.3978, 37.7033, 27.8064 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, 144, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 144, 135)  
}
```

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, 144, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 144, 135) }
```

Border

The CSS property to change the border of an element to XYZ 45.3978, 37.7033, 27.8064 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, 144, 135) }
```


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

```
.border{ border-color:rgb(225, 144, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 144, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 144, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 144, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 144,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3978, 37.7033, 27.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 144, 135) }
```

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

```
.background{ background-color: rgb(225,  
144, 135) }
```

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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