

Converting Colors

XYZ(45.6878, 37.4847, 24.2293)

Have a look what the booklet for
XYZ(45.6878, 37.4847, 24.2293)
contains.

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Color

**XYZ(45.6878, 37.4847,
24.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	E58E7D
RGB	229, 142, 125
RGB Percent	90%, 56%, 49%
CMY	0.1020, 0.4431, 0.5098
CMYK	0.00, 0.38, 0.45, 0.10
HSL	10°, 67%, 69%
HSV	10°, 45%, 90%
XYZ	45.6878, 37.4847, 24.2293
YIQ	166.0750, 57.3090, 13.1570

Conversions

Conversions Part 2

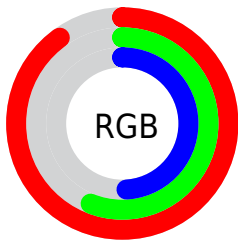
Format	Color
R _Y B	229, 145, 125
Decimal	15044221
CIE Lab	67.64, 31.16, 23.01
CIE LCh	68, 38.734, 36.443
Yxy	37.4847, 0.4254, 0.3490
Android (android.graphics.Color)	4293234301 (0xFFE58E7D)
YUV	166.0750, -20.2500, 55.1852
Hunter-Lab	61.2247, 26.0589, 19.3937

Details

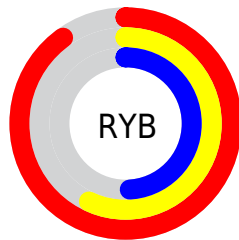
The XYZ color **45.6878, 37.4847, 24.2293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.1426, 57.1015, 82.7184**, and the grayscale version is **36.3581, 38.2516, 41.6560**.

A 20% lighter version of the original color is **69.0158, 63.9542, 50.8263**, and **21.5382, 16.3802, 8.8640** is the 20% darker color. If you saturate the color by 10%, you get **41.7808, 31.7482, 16.5226**, and if you desaturate by 10%, it is **50.4237, 44.3393, 33.8767**.

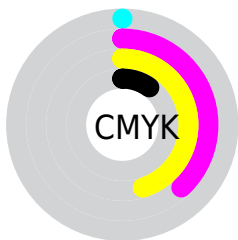
Distribution



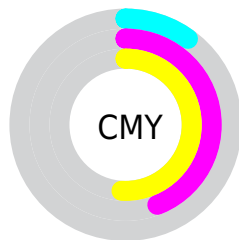
- Red (90%)
- Green (56%)
- Blue (49%)



- Red (90%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6878, 37.4847, 24.2293 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 45.6878, 37.4847, 24.2293 by changing the saturation by 10% instead.


 45.6878, 37.4847,
24.2293


 45.6878, 37.4847,
24.2293


360.2891,
335.4043, 287.3015

 32.2031, 25.5830,
15.2900


 82.9823, 71.3176,
51.3526

 21.6730, 16.5119,
8.8743


 107.5228, 94.0176,
70.3738

 13.7321, 9.8871,
4.5636


 136.4793,
121.0859, 93.5927

 8.0150, 5.3242,
1.9393

170.2172,
152.9067, 121.4278

 4.1564, 2.4387,
0.5176

209.1017,
189.8646, 154.2977

 1.7910, 0.8457,
0.0000

253.4983,

 0.5122, 0.0000,

232.3439, 192.6209

0.0000

303.7723,
280.7290, 236.8160

■ 0.0000, 0.0000,
0.0000

■ 45.6878, 37.4847,
24.2293

■ 45.6878, 37.4847,
24.2293

■ 41.7808, 31.7482,
16.5226

■ 50.4237, 44.3393,
33.8767

■ 38.6514, 27.0648,
10.6225

■ 56.0302, 52.3615,
45.5825

■ 36.2466, 23.3712,
6.3808

■ 62.5495, 61.6045,
59.4573

■ 34.5056, 20.5949,
3.6251

■ 70.0203, 72.1164,
75.6034

■ 33.3566, 18.6529,
2.1440

■ 78.4789, 83.9430,
94.1164

■ 32.9885, 18.0090,
1.7374

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



48.3011, 37.4847, 37.2342



45.6878, 37.4847, 24.2293



40.4177, 37.4847, 17.4803

Triad

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



45.6878, 37.4847, 24.2293



26.1040, 37.4847, 29.0304



36.9322, 37.4847, 82.9947

Complementary

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



45.6878, 37.4847, 24.2293



46.1426, 57.1015, 82.7184

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.



31.2326, 37.4847, 78.9947



45.6878, 37.4847, 24.2293



25.3917, 37.4847, 44.6171

Square

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



45.6878, 37.4847, 24.2293



29.2326, 37.4847, 19.6621



27.1653, 37.4847, 63.6340



42.8943, 37.4847, 73.4008

Rectangle

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



45.6878, 37.4847, 24.2293



36.3454, 37.4847, 16.0026



27.1653, 37.4847, 63.6340



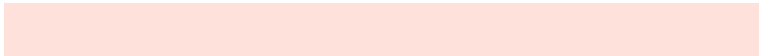
34.9202, 37.4847, 83.2265

Sweetspot

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



45.6887, 37.4866, 24.2300



81.0281, 80.3150, 78.4568



51.7079, 36.1500, 67.4697



16.9276, 16.6037, 15.9007



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.



45.6887, 37.4866, 24.2300



53.8197, 41.2538, 22.0484



54.9965, 56.1021, 27.3326



14.5664, 14.7467, 14.9831



18.9190, 10.4122, 1.0126



1.4558, 0.8848, 0.0941

Inverse Universe

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



46.1426, 57.1015, 82.7184



54.4196, 69.0090, 105.0596



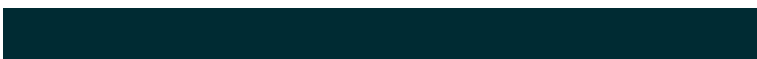
35.4155, 35.6472, 79.1426



14.5963, 15.9140, 18.4467



18.8832, 24.8285, 46.1803



1.4491, 1.9422, 3.4305

Previews

White Background



This preview shows how the XYZ color 45.6878, 37.4847, 24.2293 looks on a white background.

Color Contrast Check

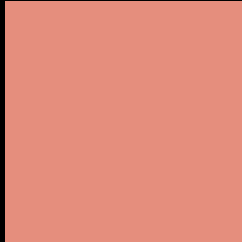
Large Text (above 18pt) WCAG AA × Fail

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 45.6878, 37.4847, 24.2293 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 45.6878, 37.4847, 24.2293

Background



This preview shows how black text looks on a background with the XYZ color 45.6878, 37.4847, 24.2293.



This preview shows how white text looks on a background with the XYZ color 45.6878, 37.4847,

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

45.6878, 37.4847, 24.2293

Protanopia

35.5783, 37.8018, 28.7139

Deuteranopia

38.2454, 37.4610, 23.6273



Tritanopia

47.6124, 37.6241, 33.1865

Trichromacy



Original Color

45.6878, 37.4847, 24.2293

Protanomaly

38.7275, 37.3820, 27.0041

Deuteranomaly

40.5355, 37.1519, 23.7735

Tritanomaly

46.7448, 37.4726, 29.5802

Monochromacy



Original Color

45.6878, 37.4847, 24.2293

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.6292, 37.1671, 34.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6878, 37.4847, 24.2293 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(229, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 125)  
}
```

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(229, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 45.6878, 37.4847, 24.2293 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(229, 142, 125) }
```


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

```
.border{ border-color:rgb(229, 142, 125) }
```

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

Here you see how a box with a 4 pixel rgb(229, 142, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6878, 37.4847, 24.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 125) }
```

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

```
.background{ background-color: rgb(229,  
142, 125) }
```

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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