

Converting Colors

XYZ(44.4860, 37.4059, 24.4115)

Have a look what the booklet for
XYZ(44.4860, 37.4059, 24.4115)
contains.

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Color

**XYZ(44.4154, 37.2745,
24.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	E0907D
RGB	224, 144, 125
RGB Percent	88%, 56%, 49%
CMY	0.1216, 0.4353, 0.5098
CMYK	0.00, 0.36, 0.44, 0.12
HSL	12°, 61%, 68%
HSV	12°, 44%, 88%
XYZ	44.4154, 37.2745, 24.2558
YIQ	165.7540, 53.7790, 11.0510

Conversions

Conversions Part 2

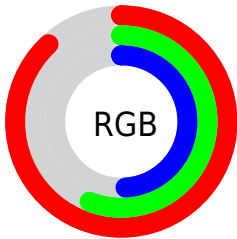
Format	Color
R _Y B	224, 149, 125
Decimal	14717053
CIE Lab	67.48, 28.16, 22.69
CIE LCh	67, 36.170, 38.861
Yxy	37.2745, 0.4192, 0.3518
Android (android.graphics.Color)	4292907133 (0xFFE0907D)
YUV	165.7540, -20.0917, 51.0817
Hunter-Lab	61.0528, 23.0147, 19.1816

Details

The XYZ color **44.4154, 37.2745, 24.2558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **43.7422, 53.4021, 78.5230**, and the grayscale version is **36.2034, 38.0887, 41.4786**.

A 20% lighter version of the original color is **69.4700, 64.8625, 50.9777**, and **20.9447, 16.4575, 8.9102** is the 20% darker color. If you saturate the color by 10%, you get **40.6175, 31.7163, 16.7084**, and if you desaturate by 10%, it is **48.9774, 43.8445, 33.6506**.

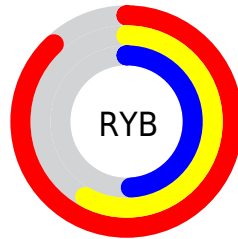
Distribution



Red (88%)

Green (56%)

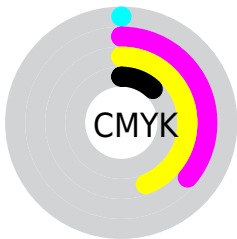
Blue (49%)



Red (88%)

Yellow (58%)

Blue (49%)

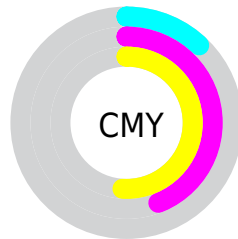


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4154, 37.2745, 24.2558 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 44.4154, 37.2745, 24.2558 by changing the saturation by 10% instead.


 44.4154, 37.2745,
24.2558


 44.4154, 37.2745,
24.2558


355.2244,
334.4974, 287.4393

 31.1965, 25.4201,
15.3095


 81.0849, 70.9948,
51.3964

 20.9011, 16.3903,
8.8879


 105.2663, 93.6294,
70.4277

 13.1638, 9.8008,
4.5723


 133.8326,
120.6263, 93.6579

 7.6192, 5.2671,
1.9443

167.1490,
152.3697, 121.5054

 3.9020, 2.4048,
0.5207

205.5811,
189.2442, 154.3887

 1.6468, 0.8284,
0.0000

249.4941,

 0.4226, 0.0000,

231.6340, 192.7264

0.0000

299.2534,
279.9236, 236.9371

■ 0.0000, 0.0000,
0.0000

■ 44.4154, 37.2745,
24.2558

■ 44.4154, 37.2745,
24.2558

■ 40.6175, 31.7163,
16.7084

■ 48.9774, 43.8445,
33.6506

■ 37.5380, 27.1138,
10.8835

■ 54.3401, 51.4677,
45.0019

■ 35.1305, 23.4137,
6.6442


■ 60.5412, 60.1900,
58.4131


■ 33.3418, 20.5551,
3.8317


■ 67.6148, 70.0528,
73.9795

■ 32.1094, 18.4690,
2.2533

■ 75.5935, 81.0955,
91.7904

 31.6043, 17.5751,
1.7266

 83.7911, 93.0687,
108.1555

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



47.0675, 37.2745, 36.0525



44.4154, 37.2745, 24.2558



39.4225, 37.2745, 18.2138

Triad

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



44.4154, 37.2745, 24.2558



26.3686, 37.2745, 30.5212



37.0996, 37.2745, 78.9452

Complementary

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



44.4154, 37.2745, 24.2558



43.7422, 53.4021, 78.5230

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.



31.7134, 37.2745, 76.3353



44.4154, 37.2745, 24.2558



25.8859, 37.2745, 45.4836

Square

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



44.4154, 37.2745, 24.2558



29.1389, 37.2745, 21.1185



27.7435, 37.2745, 62.9692



42.5632, 37.2745, 69.3766

Rectangle

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



44.4154, 37.2745, 24.2558



35.6411, 37.2745, 17.0368



27.7435, 37.2745, 62.9692



35.2164, 37.2745, 79.5061

Sweetspot

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



44.4163, 37.2763, 24.2565



82.2070, 82.1304, 80.5219



49.1965, 34.9638, 62.4528



17.1724, 16.9866, 16.3112



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.



44.4163, 37.2763, 24.2565



54.8684, 43.1070, 23.1502



53.4349, 55.3134, 27.2627



13.9191, 14.1242, 14.2994



18.4589, 10.3556, 1.0259



1.3412, 0.8413, 0.0917

Inverse Universe

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



43.7422, 53.4021, 78.5230



53.8095, 67.2714, 104.7564



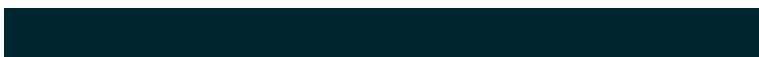
33.8596, 33.6367, 75.2288



13.8813, 15.1017, 17.5710



17.5302, 22.5300, 44.4731



1.2733, 1.6780, 3.1020

Previews

White Background



This preview shows how the XYZ color 44.4154, 37.2745, 24.2558 looks on a white background.

Color Contrast Check

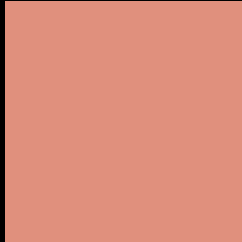
Large Text (above 18pt) WCAG AA × Fail

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 44.4154, 37.2745, 24.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

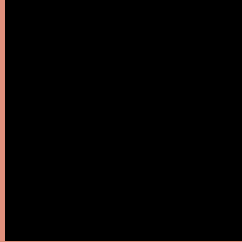
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4154, 37.2745, 24.2558

Background



This preview shows how black text looks on a background with the XYZ color 44.4154, 37.2745, 24.2558.



This preview shows how white text looks on a background with the XYZ color 44.4154, 37.2745,

24.2558.

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

44.4154, 37.2745, 24.2558

Protanopia

35.0341, 37.2708, 27.9017

Deuteranopia

37.9878, 37.3282, 23.6152



Tritanopia

46.3280, 37.1593, 34.0089

Trichromacy



Original Color

44.4154, 37.2745, 24.2558

Protanomaly

37.8919, 36.9591, 26.6094

Deuteranomaly

40.1432, 37.1917, 23.8018

Tritanomaly

45.4587, 37.0103, 30.3390

Monochromacy



Original Color

44.4154, 37.2745, 24.2558

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.3063, 37.2529, 34.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4154, 37.2745, 24.2558 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, 144, 125)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 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(224, 144, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 125) }
```

Border

The CSS property to change the border of an element to XYZ 44.4154, 37.2745, 24.2558 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, 144, 125) }
```


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

```
.border{ border-color:rgb(224, 144, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 144, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 125);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4154, 37.2745, 24.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 125) }
```

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

```
.background{ background-color: rgb(224,  
144, 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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