

Converting Colors

XYZ(47.2593, 39.1942, 24.4764)

Have a look what the booklet for
XYZ(47.2593, 39.1942, 24.4764)
contains.

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Color

**XYZ(47.2593, 39.1942,
24.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	E8927D
RGB	232, 146, 125
RGB Percent	91%, 57%, 49%
CMY	0.0902, 0.4274, 0.5098
CMYK	0.00, 0.37, 0.46, 0.09
HSL	12°, 70%, 70%
HSV	12°, 46%, 91%
XYZ	47.2593, 39.1942, 24.4764
YIQ	169.3200, 57.9970, 11.7010

Conversions

Conversions Part 2

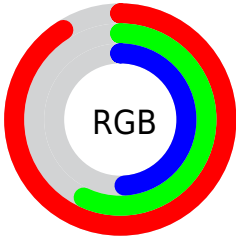
Format	Color
R _Y B	232, 151, 125
Decimal	15241853
CIE Lab	68.89, 30.20, 24.76
CIE LCh	69, 39.052, 39.344
Yxy	39.1942, 0.4260, 0.3533
Android (android.graphics.Color)	4293431933 (0xFFE8927D)
YUV	169.3200, -21.8498, 54.9704
Hunter-Lab	62.6053, 25.1864, 20.6434

Details

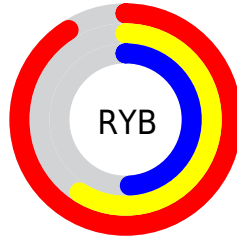
The XYZ color **47.2593, 39.1942, 24.4764** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.3161, 56.7723, 84.8610**, and the grayscale version is **37.9562, 39.9329, 43.4869**.

A 20% lighter version of the original color is **70.1625, 66.2476, 51.2086**, and **22.5408, 17.4114, 9.0102** is the 20% darker color. If you saturate the color by 10%, you get **43.3031, 33.3832, 16.6800**, and if you desaturate by 10%, it is **52.0323, 46.0851, 34.2534**.

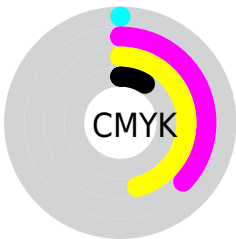
Distribution



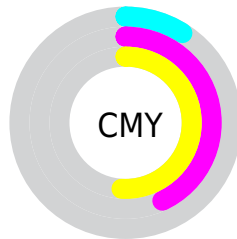
- Red (91%)
- Green (57%)
- Blue (49%)



- Red (91%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2593, 39.1942, 24.4764 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 47.2593, 39.1942, 24.4764 by changing the saturation by 10% instead.


 47.2593, 39.1942,
24.4764


 47.2593, 39.1942,
24.4764


366.4802,
342.7154, 288.5840

 33.4495, 26.9108,
15.4719


 85.3169, 73.9349,
51.7600

 22.6319, 17.5063,
9.0010

 110.2955, 97.1610,
70.8763

 14.4411, 10.5961,
4.6450


 139.7276,
124.8035, 94.2002

 8.5119, 5.7959,
1.9854

173.9788,
157.2468, 122.1504

 4.4787, 2.7214,
0.5463

213.4143,
194.8752, 155.1453

 1.9764, 0.9881,
0.0000

258.3994,

 0.6206, 0.0000,

238.0732, 193.6035

0.0000

309.2996,
287.2251, 237.9435

■ 0.0000, 0.0000,
0.0000

■ 47.2593, 39.1942,
24.4764

■ 47.2593, 39.1942,
24.4764

■ 43.3031, 33.3832,
16.6800

■ 52.0323, 46.0851,
34.2534

■ 40.1138, 28.5911,
10.7256

■ 57.6626, 54.1012,
46.1323

■ 37.6400, 24.7595,
6.4603

■ 64.1911, 63.2922,
60.2270

■ 35.8224, 21.8217,
3.7048

■ 71.6555, 73.7032,
76.6428

■ 34.5910, 19.7016,
2.2381

■ 80.0912, 85.3769,
95.4781

■ 34.2380, 19.0744,
1.8772

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



50.3050, 39.1942, 37.3665



47.2593, 39.1942, 24.4764



41.6208, 39.1942, 18.0284

Triad

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



47.2593, 39.1942, 24.4764



27.1697, 39.1942, 31.7244



39.2232, 39.1942, 86.0344

Complementary

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



47.2593, 39.1942, 24.4764



46.3161, 56.7723, 84.8610

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.



33.2018, 39.1942, 83.2831



47.2593, 39.1942, 24.4764



26.6796, 39.1942, 48.4656

Square

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



47.2593, 39.1942, 24.4764



30.1913, 39.1942, 21.3346



28.7692, 39.1942, 68.2015



45.3377, 39.1942, 74.9189

Rectangle

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



47.2593, 39.1942, 24.4764



37.3897, 39.1942, 16.8213



28.7692, 39.1942, 68.2015



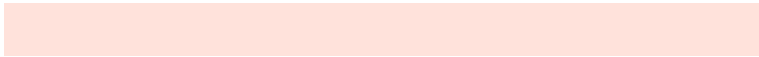
37.1165, 39.1942, 86.7561

Sweetspot

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



47.2603, 39.1962, 24.4771



81.3460, 80.9508, 78.5628



52.5446, 36.5962, 66.8357



17.0040, 16.7566, 15.9261



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.



47.2603, 39.1962, 24.4771



54.0352, 41.9222, 21.3882



57.2013, 59.0782, 27.7908



14.6049, 14.8237, 14.9960



19.0773, 10.7287, 1.0654



1.4739, 0.9211, 0.1001

Inverse Universe

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



46.3161, 56.7723, 84.8610



52.6845, 66.0422, 104.5784



35.4013, 34.9427, 81.2227



14.5545, 15.8303, 18.4328



17.9776, 23.0174, 45.8785



1.3901, 1.8241, 3.4108

Previews

White Background



This preview shows how the XYZ color 47.2593, 39.1942, 24.4764 looks on a white background.

Color Contrast Check

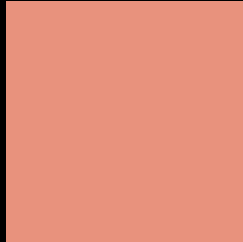
Large Text (above 18pt) WCAG AA × Fail

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 47.2593, 39.1942, 24.4764 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 47.2593, 39.1942, 24.4764

Background



This preview shows how black text looks on a background with the XYZ color 47.2593, 39.1942, 24.4764.



This preview shows how white text looks on a background with the XYZ color 47.2593, 39.1942,

24.4764.

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

47.2593, 39.1942, 24.4764

Protanopia

36.9662, 39.3382, 28.5664

Deuteranopia

40.0771, 39.1742, 23.8614



Tritanopia

49.3545, 39.1383, 35.0902

Trichromacy



Original Color

47.2593, 39.1942, 24.4764

Protanomaly

39.9562, 38.7861, 26.8533

Deuteranomaly

42.6150, 39.2040, 24.0600

Tritanomaly

48.3847, 38.9517, 30.9549

Monochromacy



Original Color

47.2593, 39.1942, 24.4764

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.2329, 38.9961, 35.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2593, 39.1942, 24.4764 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(232, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 146, 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(232, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 146, 125) }
```

Border

The CSS property to change the border of an element to XYZ 47.2593, 39.1942, 24.4764 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(232, 146, 125) }
```


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

```
.border{ border-color:rgb(232, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 146,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2593, 39.1942, 24.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 146, 125) }
```

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

```
.background{ background-color: rgb(232,  
146, 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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