

Converting Colors

XYZ(48.4973, 37.7569, 24.6358)

Have a look what the booklet for
XYZ(48.4973, 37.7569, 24.6358)
contains.

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Color

**XYZ(48.6467, 37.9229,
24.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	F0897E
RGB	240, 137, 126
RGB Percent	94%, 54%, 49%
CMY	0.0588, 0.4627, 0.5059
CMYK	0.00, 0.43, 0.47, 0.06
HSL	6°, 79%, 72%
HSV	6°, 47%, 94%
XYZ	48.6467, 37.9229, 24.4946
YIQ	166.5430, 64.9190, 18.4150

Conversions

Conversions Part 2

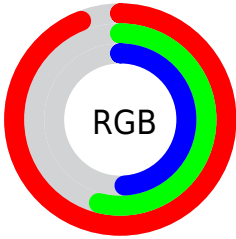
Format	Color
R _Y B	240, 138, 126
Decimal	15763838
CIE Lab	67.96, 38.04, 23.13
CIE LCh	68, 44.519, 31.299
Yxy	37.9229, 0.4380, 0.3415
Android (android.graphics.Color)	4293953918 (0xFFFF0897E)
YUV	166.5430, -19.9877, 64.4218
Hunter-Lab	61.5816, 33.2393, 19.5240

Details

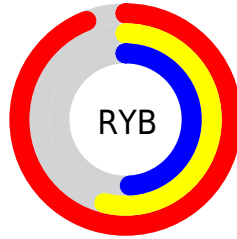
The XYZ color **48.6467, 37.9229, 24.4946** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.3502, 66.7623, 92.5651**, and the grayscale version is **36.5813, 38.4864, 41.9117**.

A 20% lighter version of the original color is **68.2263, 62.2139, 51.0604**, and **23.4104, 16.7361, 9.0177** is the 20% darker color. If you saturate the color by 10%, you get **44.5011, 31.8200, 16.3671**, and if you desaturate by 10%, it is **53.7850, 45.4169, 34.7863**.

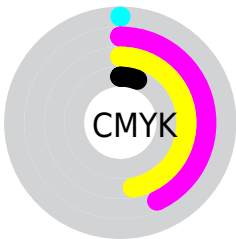
Distribution



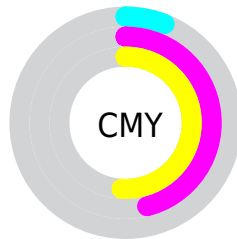
- Red (94%)
- Green (54%)
- Blue (49%)



- Red (94%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6467, 37.9229, 24.4946 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 48.6467, 37.9229, 24.4946 by changing the saturation by 10% instead.


 48.6467, 37.9229,
24.4946


 48.6467, 37.9229,
24.4946


371.8899,
337.2891, 288.6782

 34.5527, 25.9229,
15.4853


 87.3704, 71.9899,
51.7900

 23.4834, 16.7659,
9.0103

 112.7308, 94.8257,
70.9133

 15.0735, 10.0678,
4.6510


 142.5773,
122.0422, 94.2449

 8.9576, 5.4439,
1.9889

177.2753,
154.0238, 122.2035

 4.7705, 2.5100,
0.5484

217.1903,
191.1549, 155.2076

 2.1466, 0.8816,
0.0000

262.6874,

 0.7144, 0.0000,

233.8199, 193.6757

0.0000

314.1322,
282.4032, 238.0264

■ 0.0000, 0.0000,
0.0000

■ 48.6467, 37.9229,
24.4946

■ 48.6467, 37.9229,
24.4946

■ 44.5011, 31.8200,
16.3671

■ 53.7850, 45.4169,
34.7863

■ 41.2811, 27.0169,
10.2470

■ 59.9718, 54.3745,
47.3795

■ 38.9156, 23.4208,
5.9598

■ 67.2618, 64.8697,
62.4028

■ 37.3218, 20.9237,
3.3000

■ 75.7055, 76.9702,
79.9746

■ 36.3974, 19.3972,
1.9980

■ 85.3499, 90.7394,
100.2057

■ 36.2448, 19.1448,
1.7850

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



51.0450, 37.9229, 40.4339



48.6467, 37.9229, 24.4946



42.8172, 37.9229, 16.0802

Triad

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



48.6467, 37.9229, 24.4946



25.5909, 37.9229, 25.5661



36.3470, 37.9229, 92.2851

Complementary

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



48.6467, 37.9229, 24.4946



52.3502, 66.7623, 92.5651

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.



30.0267, 37.9229, 84.5293



48.6467, 37.9229, 24.4946



24.3149, 37.9229, 42.1614

Square

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



48.6467, 37.9229, 24.4946



29.5665, 37.9229, 16.5453



25.8317, 37.9229, 64.4120



43.4058, 37.9229, 83.1444

Rectangle

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



48.6467, 37.9229, 24.4946



38.0944, 37.9229, 13.9225



25.8317, 37.9229, 64.4120



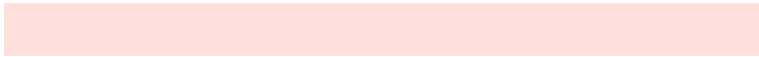
34.0696, 37.9229, 91.5544

Sweetspot

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



48.6477, 37.9248, 24.4953



80.3857, 79.0303, 78.2427



57.7493, 39.1885, 79.7518



16.7733, 16.2952, 15.8492



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.



48.6477, 37.9248, 24.4953



51.2033, 36.7140, 19.0399



58.6607, 57.9510, 27.8330



15.8955, 16.0042, 16.4010



19.8833, 10.5648, 0.9912



1.6953, 0.9612, 0.0962

Inverse Universe

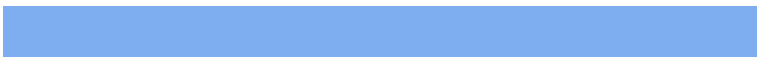
The Inverse Universe completely reimagines the original color for something new.



52.3502, 66.7623, 92.5651



55.8827, 73.4041, 105.8308



39.3722, 40.8065, 88.2391



16.1093, 17.6528, 20.2799



22.2234, 30.6710, 49.8767



1.8863, 2.6266, 4.1618

Previews

White Background



This preview shows how the XYZ color 48.6467, 37.9229, 24.4946 looks on a white background.

Color Contrast Check

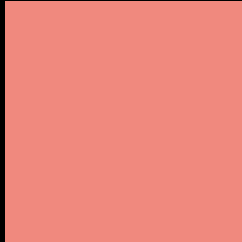
Large Text (above 18pt) WCAG AA × Fail

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 48.6467, 37.9229, 24.4946 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 48.6467, 37.9229, 24.4946

Background



This preview shows how black text looks on a background with the XYZ color 48.6467, 37.9229, 24.4946.



This preview shows how white text looks on a background with the XYZ color 48.6467, 37.9229,

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

48.6467, 37.9229, 24.4946

Protanopia

35.9756, 38.2505, 29.9131

Deuteranopia

38.6759, 37.9372, 23.6965



Tritanopia

49.8348, 37.7646, 31.0483

Trichromacy



Original Color

48.6467, 37.9229, 24.4946

Protanomaly

39.5776, 37.3060, 27.6691

Deuteranomaly

41.7931, 37.5603, 23.7860

Tritanomaly

49.4550, 37.8349, 28.3632

Monochromacy



Original Color

48.6467, 37.9229, 24.4946

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.8041, 37.5133, 34.8486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6467, 37.9229, 24.4946 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(240, 137, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 126)  
}
```

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(240, 137, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.6467, 37.9229, 24.4946 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(240, 137, 126) }
```


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

```
.border{ border-color:rgb(240, 137, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 137, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6467, 37.9229, 24.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 126) }
```

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

```
.background{ background-color: rgb(240,  
137, 126) }
```

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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