

Converting Colors

XYZ(48.4260, 37.4110, 24.8933)

Have a look what the booklet for
XYZ(48.4260, 37.4110, 24.8933)
contains.

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Color

**XYZ(48.4299, 37.3855,
24.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	F0877F
RGB	240, 135, 127
RGB Percent	94%, 53%, 50%
CMY	0.0588, 0.4706, 0.5020
CMYK	0.00, 0.44, 0.47, 0.06
HSL	4°, 79%, 72%
HSV	4°, 47%, 94%
XYZ	48.4299, 37.3855, 24.7423
YIQ	165.4830, 65.1480, 19.7720

Conversions

Conversions Part 2

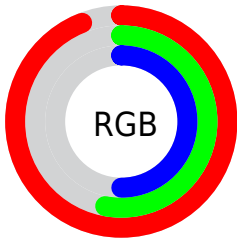
Format	Color
RYB	240, 136, 127
Decimal	15763327
CIELab	67.57, 39.16, 22.03
CIELCh	68, 44.934, 29.361
Yxy	37.3855, 0.4381, 0.3382
Android (android.graphics.Color)	4293953407 (0xFFFF0877F)
YUV	165.4830, -18.9721, 65.3514
Hunter-Lab	61.1437, 34.3825, 18.8084

Details

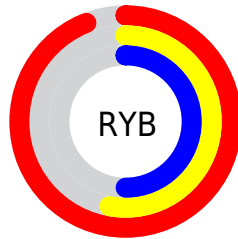
The XYZ color **48.4299, 37.3855, 24.7423** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.3356, 68.5132, 92.8511**, and the grayscale version is **36.0637, 37.9418, 41.3186**.

A 20% lighter version of the original color is **67.8917, 61.3822, 51.4497**, and **23.2908, 16.4399, 9.1534** is the 20% darker color. If you saturate the color by 10%, you get **44.2558, 31.2495, 16.5315**, and if you desaturate by 10%, it is **53.6300, 44.9774, 35.1336**.

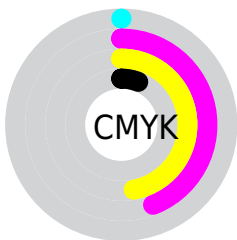
Distribution



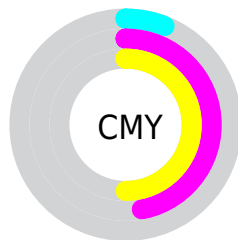
- Red (94%)
- Green (53%)
- Blue (50%)



- Red (94%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4299, 37.3855, 24.7423 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 48.4299, 37.3855, 24.7423 by changing the saturation by 10% instead.


 48.4299, 37.3855,
24.7423


 48.4299, 37.3855,
24.7423

371.0479,
334.9765, 289.9586


 34.3801, 25.5061,
15.6679


 87.0500, 71.1653,
52.1978

 23.3500, 16.4545,
9.1377


 112.3510, 93.8345,
71.4159

 14.9743, 9.8464,
4.7330


 142.1331,
120.8690, 94.8524

 8.8876, 5.2972,
2.0355

176.7617,
152.6534, 122.9257

 4.7244, 2.4227,
0.5770

216.6021,
189.5719, 156.0545

 2.1196, 0.8375,
0.0000

262.0197,

 0.6998, 0.0000,

232.0090, 194.6572

0.0000

313.3799,
280.3491, 239.1524

■ 0.0000, 0.0000,
0.0000

■ 48.4299, 37.3855,
24.7423

■ 48.4299, 37.3855,
24.7423

■ 44.2558, 31.2495,
16.5315

■ 53.6300, 44.9774,
35.1336

■ 41.0370, 26.4710,
10.3439

■ 59.9149, 54.1041,
47.8433

■ 38.6983, 22.9484,
6.0044

■ 67.3424, 64.8456,
63.0006

■ 37.1519, 20.5632,
3.3074

■ 75.9654, 77.2748,
80.7245

■ 36.2900, 19.1737,
1.9893

■ 85.8333, 91.4599,
101.1261

■ 36.1356, 18.9262,
1.7486

■ 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.



50.5593, 37.3855, 41.1324



48.4299, 37.3855, 24.7423



42.7510, 37.3855, 15.9440

Triad

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



48.4299, 37.3855, 24.7423



25.2759, 37.3855, 24.2185



35.3858, 37.3855, 91.9014

Complementary

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



48.4299, 37.3855, 24.7423



53.3356, 68.5132, 92.8511

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.



29.1783, 37.3855, 83.0554



48.4299, 37.3855, 24.7423



23.8259, 37.3855, 40.2834

Square

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



48.4299, 37.3855, 24.7423



29.4040, 37.3855, 15.7178



25.1580, 37.3855, 62.3818



42.4613, 37.3855, 83.7401

Rectangle

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



48.4299, 37.3855, 24.7423



38.0459, 37.3855, 13.5761



25.1580, 37.3855, 62.3818



33.1348, 37.3855, 90.7834

Sweetspot

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



48.4308, 37.3874, 24.7430



80.1417, 78.5422, 78.1613



58.1564, 39.5570, 81.2618



16.7149, 16.1782, 15.8297



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.



48.4308, 37.3874, 24.7430



51.1743, 36.4314, 19.7225



58.4041, 57.3338, 28.0674



15.8627, 15.9386, 16.3901



19.8155, 10.4291, 0.9686



1.6796, 0.9299, 0.0910

Inverse Universe

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



53.3356, 68.5132, 92.8511



57.3746, 75.9119, 106.2362



39.9996, 41.8412, 88.4058



16.1459, 17.7260, 20.2921



23.0959, 32.4160, 50.1675



1.9499, 2.7537, 4.1830

Previews

White Background



This preview shows how the XYZ color 48.4299, 37.3855, 24.7423 looks on a white background.

Color Contrast Check

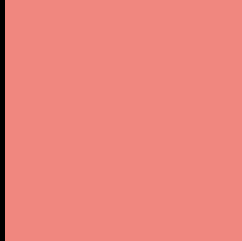
Large Text (above 18pt) WCAG AA × Fail

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 48.4299, 37.3855, 24.7423 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 48.4299, 37.3855, 24.7423

Background



This preview shows how black text looks on a background with the XYZ color 48.4299, 37.3855, 24.7423.



This preview shows how white text looks on a background with the XYZ color 48.4299, 37.3855,

24.7423.

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

48.4299, 37.3855, 24.7423

Protanopia

35.4964, 37.7176, 30.6087

Deuteranopia

38.3077, 37.4859, 23.9554



Tritanopia

49.5456, 37.4288, 30.2043

Trichromacy



Original Color

48.4299, 37.3855, 24.7423

Protanomaly

39.0255, 36.7591, 28.3309

Deuteranomaly

41.4084, 37.1168, 24.0506

Tritanomaly

49.3161, 37.5571, 28.3169

Monochromacy



Original Color

48.4299, 37.3855, 24.7423

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.8797, 36.5520, 34.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4299, 37.3855, 24.7423 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, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(240, 135, 127)  
}
```

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, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 135, 127) }
```

Border

The CSS property to change the border of an element to XYZ 48.4299, 37.3855, 24.7423 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, 135, 127) }
```


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

```
.border{ border-color:rgb(240, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(240, 135,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4299, 37.3855, 24.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 135, 127) }
```

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

```
.background{ background-color: rgb(240,  
135, 127) }
```

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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