

Converting Colors

XYZ(49.2438, 39.0809, 24.7095)

Have a look what the booklet for
XYZ(49.2438, 39.0809, 24.7095)
contains.

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Color

**XYZ(49.2260, 39.0814,
24.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	F08D7E
RGB	240, 141, 126
RGB Percent	94%, 55%, 49%
CMY	0.0588, 0.4470, 0.5059
CMYK	0.00, 0.41, 0.47, 0.06
HSL	8°, 79%, 72%
HSV	8°, 47%, 94%
XYZ	49.2260, 39.0814, 24.6876
YIQ	168.8910, 63.8190, 16.3230

Conversions

Conversions Part 2

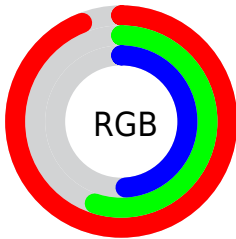
Format	Color
R _Y B	240, 143, 126
Decimal	15764862
CIE Lab	68.81, 35.97, 24.27
CIE LCh	69, 43.393, 34.005
Yxy	39.0814, 0.4356, 0.3459
Android (android.graphics.Color)	4293954942 (0xFFFF08D7E)
YUV	168.8910, -21.1453, 62.3626
Hunter-Lab	62.5151, 31.1540, 20.3466

Details

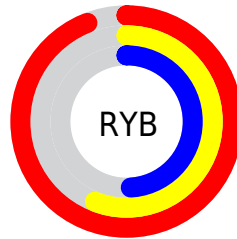
The XYZ color **49.2260, 39.0814, 24.6876** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.2561, 64.5743, 92.2006**, and the grayscale version is **37.7383, 39.7037, 43.2373**.

A 20% lighter version of the original color is **69.1166, 63.9945, 51.3572**, and **23.7343, 17.3839, 9.1257** is the 20% darker color. If you saturate the color by 10%, you get **45.0699, 32.9575, 16.5566**, and if you desaturate by 10%, it is **54.3338, 46.5143, 34.9691**.

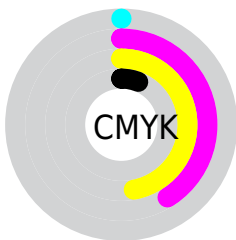
Distribution



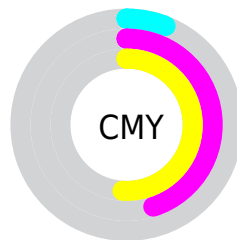
- Red (94%)
- Green (55%)
- Blue (49%)



- Red (94%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2260, 39.0814, 24.6876 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 49.2260, 39.0814, 24.6876 by changing the saturation by 10% instead.


 49.2260, 39.0814,
24.6876

 49.2260, 39.0814,
24.6876


374.1336,
342.2364, 289.6763

 35.0141, 26.8231,
15.6276


 88.2257, 73.7627,
52.1078

 23.8403, 17.4404,
9.1095


 113.7442, 96.9544,
71.3050

 15.3393, 10.5490,
4.7149


 143.7623,
124.5593, 94.7184

 9.1457, 5.7644,
2.0252

178.6453,
156.9619, 122.7664

 4.8942, 2.7024,
0.5707

218.7585,
194.5465, 155.8677

 2.2194, 0.9784,
0.0000

264.4674,

 0.7530, 0.0000,

237.6975, 194.4407

0.0000

316.1373,
286.7994, 238.9041

■ 0.0000, 0.0000,
0.0000

■ 49.2260, 39.0814,
24.6876

■ 49.2260, 39.0814,
24.6876

■ 45.0699, 32.9575,
16.5566

■ 54.3338, 46.5143,
34.9691

■ 41.8030, 28.0607,
10.4209

■ 60.4445, 55.3199,
47.5370

■ 39.3599, 24.3094,
6.1079

■ 67.6095, 65.5648,
62.5186

■ 37.6646, 21.6093,
3.4142

■ 75.8754, 77.3098,
80.0312

■ 36.6235, 19.8493,
2.0734

■ 85.2862, 90.6117,
100.1844

■ 36.4407, 19.5364,
1.8503

■ 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.



51.9656, 39.0814, 39.9614



49.2260, 39.0814, 24.6876



43.2503, 39.0814, 16.7768

Triad

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



49.2260, 39.0814, 24.6876



26.4794, 39.0814, 28.0148



38.0773, 39.0814, 92.6360

Complementary

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



49.2260, 39.0814, 24.6876



51.2561, 64.5743, 92.2006

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.



31.6444, 39.0814, 86.4947



49.2260, 39.0814, 24.6876



25.4509, 39.0814, 45.2543

Square

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



49.2260, 39.0814, 24.6876



30.2280, 39.0814, 18.2401



27.2236, 39.0814, 67.4512



45.0457, 39.0814, 82.3179

Rectangle

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



49.2260, 39.0814, 24.6876



38.5444, 39.0814, 14.9021



27.2236, 39.0814, 67.4512



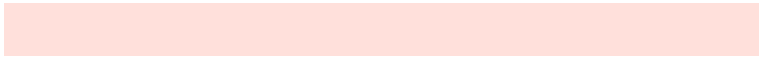
35.7812, 39.0814, 92.4435

Sweetspot

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



49.2270, 39.0834, 24.6883



80.7212, 79.7012, 78.3545



57.2199, 38.9767, 76.9636



16.8538, 16.4562, 15.8761



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.



49.2270, 39.0834, 24.6883



51.8571, 38.0214, 19.2578



59.5088, 59.6471, 28.1156



15.9405, 16.0941, 16.4160



20.0016, 10.8012, 1.0306



1.7166, 1.0039, 0.1033

Inverse Universe

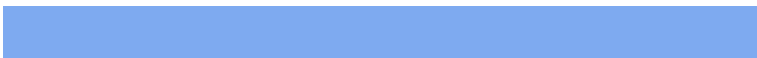
The Inverse Universe completely reimagines the original color for something new.



51.2561, 64.5743, 92.2006



54.3943, 70.4272, 105.3347



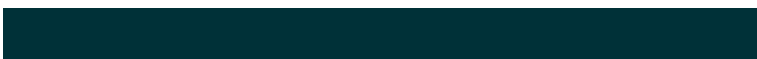
38.6512, 39.3643, 87.9989



16.0596, 17.5532, 20.2633



21.0825, 28.3893, 49.4964



1.8027, 2.4594, 4.1339

Previews

White Background



This preview shows how the XYZ color 49.2260, 39.0814, 24.6876 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 49.2260, 39.0814, 24.6876 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 49.2260, 39.0814, 24.6876

Background



This preview shows how black text looks on a background with the XYZ color 49.2260, 39.0814, 24.6876.



This preview shows how white text looks on a background with the XYZ color 49.2260, 39.0814,

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

49.2260, 39.0814, 24.6876

Protanopia

36.9502, 39.3052, 29.6839

Deuteranopia

39.8109, 39.0370, 23.8490



Tritanopia

51.0517, 39.1923, 32.8911

Trichromacy



Original Color

49.2260, 39.0814, 24.6876

Protanomaly

40.6173, 38.5925, 27.8626

Deuteranomaly

42.8623, 38.8374, 23.9762

Tritanomaly

50.2419, 39.0595, 29.7021

Monochromacy



Original Color

49.2260, 39.0814, 24.6876

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.6536, 38.6983, 35.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2260, 39.0814, 24.6876 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, 141, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 141, 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, 141, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 141, 126) }
```

Border

The CSS property to change the border of an element to XYZ 49.2260, 39.0814, 24.6876 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, 141, 126) }
```


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

```
.border{ border-color:rgb(240, 141, 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, 141, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 141, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 141, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 141,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2260, 39.0814, 24.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 141, 126) }
```

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

```
.background{ background-color: rgb(240,  
141, 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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