

Converting Colors

XYZ(48.1113, 34.8496, 23.8132)

Have a look what the booklet for
XYZ(48.1113, 34.8496, 23.8132)
contains.

XYZ(48.1571, 34.9054, 23.9379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.1571, 34.9054,
23.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	F47B7E
RGB	244, 123, 126
RGB Percent	96%, 48%, 49%
CMY	0.0431, 0.5176, 0.5059
CMYK	0.00, 0.50, 0.48, 0.04
HSL	359°, 85%, 72%
HSV	359°, 50%, 96%
XYZ	48.1571, 34.9054, 23.9379
YIQ	159.5210, 71.1530, 26.5850

Conversions

Conversions Part 2

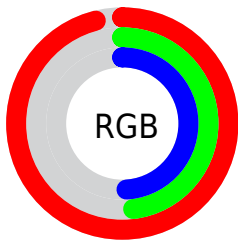
Format	Color
RYB	244, 123, 126
Decimal	16022398
CIELab	65.67, 46.56, 20.11
CIELCh	66, 50.716, 23.361
Yxy	34.9054, 0.4501, 0.3262
Android (android.graphics.Color)	4294212478 (0xFFFF47B7E)
YUV	159.5210, -16.5259, 74.0881
Hunter-Lab	59.0808, 42.1050, 17.3339

Details

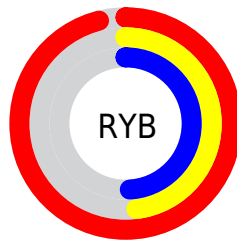
The XYZ color **48.1571, 34.9054, 23.9379** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.3982, 75.2640, 94.7790**, and the grayscale version is **33.2450, 34.9763, 38.0892**.

A 20% lighter version of the original color is **65.2971, 56.3555, 50.0840**, and **23.2969, 15.1065, 8.7091** is the 20% darker color. If you saturate the color by 10%, you get **44.1413, 29.0459, 15.9036**, and if you desaturate by 10%, it is **53.2940, 42.4229, 34.1482**.

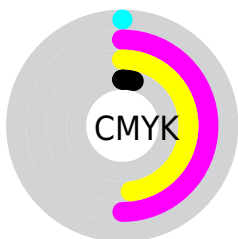
Distribution



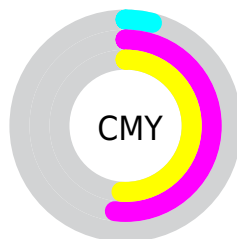
- Red (96%)
- Green (48%)
- Blue (49%)



- Red (96%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1571, 34.9054, 23.9379 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 48.1571, 34.9054, 23.9379 by changing the saturation by 10% instead.


 48.1571, 34.9054,
23.9379

 48.1571, 34.9054,
23.9379


369.9867,
324.1506, 285.7828


 34.1631, 23.5900,
15.0758


 86.6465, 67.3392,
50.8714

 23.1824, 15.0298,
8.7254

 111.8727, 89.2264,
69.7799

 14.8497, 8.8403,
4.4681


 141.5736,
115.4063, 92.8742

 8.7996, 4.6372,
1.8855

176.1146,
146.2633, 120.5730

 4.6667, 2.0360,
0.4835

215.8610,
182.1819, 153.2946

 2.0858, 0.6283,
0.0000

261.1783,

 0.6815, 0.0000,

223.5464, 191.4578

0.0000

312.4318,
270.7411, 235.4810

■ 0.0000, 0.0000,
0.0000

■ 48.1571, 34.9054,
23.9379

■ 48.1571, 34.9054,
23.9379

■ 44.1413, 29.0459,
15.9036

■ 53.2940, 42.4229,
34.1482

■ 41.1606, 24.7143,
9.8856

■ 59.6244, 51.7050,
46.6745

■ 39.1208, 21.7700,
5.7060

■ 67.2177, 62.8557,
61.6474

■ 37.9094, 20.0438,
3.1544

■ 76.1370, 75.9693,
79.1874

■ 37.3575, 19.2703,
1.9521

■ 86.4415, 91.1339,
99.4068

■ 37.3412, 19.2463,
1.9201

■ 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



49.5540, 34.9054, 42.9541



48.1571, 34.9054, 23.9379



42.4900, 34.9054, 13.6609

Triad

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



48.1571, 34.9054, 23.9379



22.9500, 34.9054, 18.3899



31.5463, 34.9054, 95.1264

Complementary

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



48.1571, 34.9054, 23.9379



56.3982, 75.2640, 94.7790

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.



25.3343, 34.9054, 81.3959



48.1571, 34.9054, 23.9379



20.8751, 34.9054, 33.4534

Square

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



48.1571, 34.9054, 23.9379



27.8097, 34.9054, 11.3986



21.6776, 34.9054, 56.7248



39.1930, 34.9054, 89.5416

Rectangle

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



48.1571, 34.9054, 23.9379



37.4539, 34.9054, 10.6766



21.6776, 34.9054, 56.7248



29.2379, 34.9054, 92.4890

Sweetspot

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



48.1580, 34.9072, 23.9385



78.6036, 75.8030, 76.6101



59.3368, 39.2189, 90.0303



16.3888, 15.5846, 15.5407



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.



48.1580, 34.9072, 23.9385



48.5817, 31.7989, 17.1544



57.0983, 53.0925, 25.9798



16.5158, 16.4892, 17.1966



20.3114, 10.4680, 1.0822



1.7909, 0.9223, 0.1253

Inverse Universe

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



48.1580, 34.9072, 23.9385



48.5817, 31.7989, 17.1544



42.3830, 46.5120, 92.3316



16.5158, 16.4892, 17.1966



20.3114, 10.4680, 1.0822



1.7909, 0.9223, 0.1253

Previews

White Background



This preview shows how the XYZ color 48.1571, 34.9054, 23.9379 looks on a white background.

Color Contrast Check

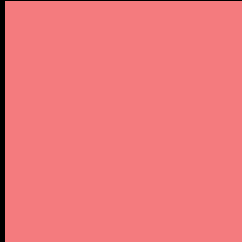
Large Text (above 18pt) WCAG AA × Fail

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 48.1571, 34.9054, 23.9379 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 48.1571, 34.9054, 23.9379

Background



This preview shows how black text looks on a background with the XYZ color 48.1571, 34.9054, 23.9379.



This preview shows how white text looks on a background with the XYZ color 48.1571, 34.9054,

23.9379.

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

48.1571, 34.9054, 23.9379

Protanopia

33.3685, 35.0254, 31.3874

Deuteranopia

35.5815, 34.8543, 22.9414



Tritanopia

48.3645, 34.7909, 25.6389

Trichromacy



Original Color

48.1571, 34.9054, 23.9379

Protanomaly

37.2999, 33.9660, 28.2571

Deuteranomaly

39.2606, 34.1860, 23.2682

Tritanomaly

48.2302, 34.7371, 24.9318

Monochromacy



Original Color

48.1571, 34.9054, 23.9379

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.2649, 34.0819, 32.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1571, 34.9054, 23.9379 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(244, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(244, 123, 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(244, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.1571, 34.9054, 23.9379 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(244, 123, 126) }
```


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

```
.border{ border-color:rgb(244, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(244, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1571, 34.9054, 23.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 123, 126) }
```

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

```
.background{ background-color: rgb(244,  
123, 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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