

Converting Colors

XYZ(48.9614, 35.7494, 21.4593)

Have a look what the booklet for
XYZ(48.9614, 35.7494, 21.4593)
contains.

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Color

**XYZ(48.9614, 35.7494,
21.4593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F77D76 |
| RGB | 247, 125, 118 |
| RGB Percent | 97%, 49%, 46% |
| CMY | 0.0314, 0.5098, 0.5373 |
| CMYK | 0.00, 0.49, 0.52, 0.03 |
| HSL | 3°, 89%, 72% |
| HSV | 3°, 52%, 97% |
| XYZ | 48.9614, 35.7494, 21.4593 |
| YIQ | 160.6800, 74.9590, 23.6870 |

Conversions

Conversions Part 2

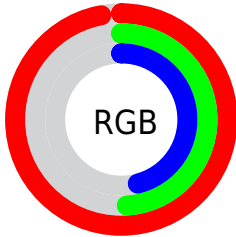
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 125, 118 |
| Decimal | 16219510 |
| CIE Lab | 66.33, 45.95, 25.55 |
| CIE LCh | 66, 52.579, 29.080 |
| Yxy | 35.7494, 0.4612, 0.3367 |
| Android (android.graphics.Color) | 4294409590 (0xFFFF77D76) |
| YUV | 160.6800, -21.0412, 75.7026 |
| Hunter-Lab | 59.7908, 41.5359, 20.5740 |

Details

The XYZ color **48.9614, 35.7494, 21.4593** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.4178, 72.8830, 99.1424**, and the grayscale version is **33.7990, 35.5592, 38.7240**.

A 20% lighter version of the original color is **64.8170, 56.8048, 45.5784**, and **23.6726, 15.5160, 7.5416** is the 20% darker color. If you saturate the color by 10%, you get **45.0637, 30.0037, 13.8421**, and if you desaturate by 10%, it is **53.9403, 43.0430, 31.3331**.

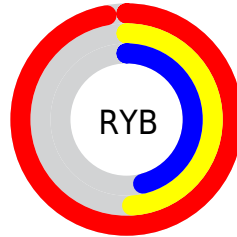
Distribution



Red (97%)

Green (49%)

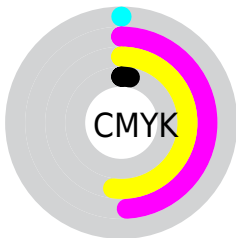
Blue (46%)



Red (97%)

Yellow (49%)

Blue (46%)

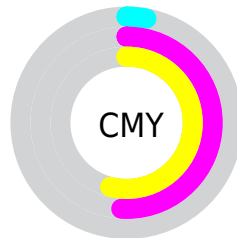


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (3%)



Cyan (3%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9614, 35.7494, 21.4593 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 48.9614, 35.7494, 21.4593 by changing the saturation by 10% instead.


 48.9614, 35.7494,
21.4593


 48.9614, 35.7494,
21.4593


373.1098,
327.8639, 272.5702

 34.8033, 24.2407,
13.2656


 87.8352, 68.6451,
46.7414

 23.6772, 15.5123,
7.4788


 113.2816, 90.8009,
64.6669

 15.2178, 9.1797,
3.6804


 143.2214,
117.2745, 86.6734

 9.0597, 4.8586,
1.4517

178.0200,
148.4504, 113.1794

 4.8375, 2.1645,
0.1815

218.0428,
184.7128, 144.6036

 2.1860, 0.7005,
0.0000

263.6552,

 0.7354, 0.0000,

226.4463, 181.3645

0.0000

315.2224,
274.0352, 223.8805

■ 0.0000, 0.0000,
0.0000

■ 48.9614, 35.7494,
21.4593

■ 48.9614, 35.7494,
21.4593

■ 45.0637, 30.0037,
13.8421

■ 53.9403, 43.0430,
31.3331

■ 42.1646, 25.6890,
8.3017

■ 60.0699, 51.9792,
43.6208

■ 40.1734, 22.6812,
4.6337

■ 67.4169, 62.6516,
58.4675

■ 38.9820, 20.8320,
2.5915

■ 76.0421, 75.1454,
76.0066

■ 38.5069, 20.0727,
1.8449

■ 86.0022, 89.5399,
96.3619

92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



51.4282, 35.7494, 39.6237



48.9614, 35.7494, 21.4593



42.3454, 35.7494, 12.3597

Triad

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



48.9614, 35.7494, 21.4593



22.5988, 35.7494, 20.6606



33.7368, 35.7494, 100.1712

Complementary

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



48.9614, 35.7494, 21.4593



55.4178, 72.8830, 99.1424

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.



26.7938, 35.7494, 89.0746



48.9614, 35.7494, 21.4593



21.0039, 35.7494, 38.2346

Square

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



48.9614, 35.7494, 21.4593



27.1539, 35.7494, 12.0393



22.4145, 35.7494, 63.9607



41.8609, 35.7494, 90.2861

Rectangle

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



48.9614, 35.7494, 21.4593



36.9210, 35.7494, 10.0275



22.4145, 35.7494, 63.9607



31.1971, 35.7494, 98.7179

Sweetspot

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



48.9623, 35.7513, 21.4599



78.0658, 75.4505, 74.2012



60.6462, 39.0552, 87.2088



16.2991, 15.5553, 15.0479



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.



48.9623, 35.7513, 21.4599



48.1339, 31.7900, 14.2714



59.8146, 57.4559, 25.0774



16.5713, 16.6268, 17.1335



20.3959, 10.6774, 0.9860



1.8175, 0.9883, 0.0950

Inverse Universe

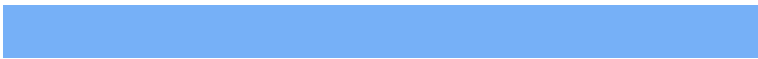
The Inverse Universe completely reimagines the original color for something new.



55.4178, 72.8830, 99.1424



55.7413, 75.6967, 106.2808



39.7950, 41.6374, 93.9348



16.9151, 18.5945, 21.2401



24.4119, 34.6176, 51.9332



2.1687, 3.0888, 4.5721

Previews

White Background



This preview shows how the XYZ color 48.9614, 35.7494, 21.4593 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 48.9614, 35.7494, 21.4593 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 48.9614, 35.7494, 21.4593

Background



This preview shows how black text looks on a background with the XYZ color 48.9614, 35.7494, 21.4593.



This preview shows how white text looks on a background with the XYZ color 48.9614, 35.7494,

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

48.9614, 35.7494, 21.4593

Protanopia

33.9126, 35.8969, 28.0631

Deuteranopia

36.6943, 35.9724, 20.6322



Tritanopia

49.9592, 35.7883, 26.1045

Trichromacy



Original Color

48.9614, 35.7494, 21.4593

Protanomaly

38.1055, 34.9069, 25.4982

Deuteranomaly

40.5083, 35.3305, 20.9041

Tritanomaly

49.7498, 35.9041, 24.3867

Monochromacy



Original Color

48.9614, 35.7494, 21.4593

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.4390, 34.4306, 31.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9614, 35.7494, 21.4593 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(247, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(247, 125, 118)  
}
```

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(247, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 48.9614, 35.7494, 21.4593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

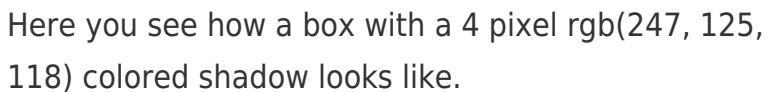
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 125, 118) }
```


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

```
.border{ border-color:rgb(247, 125, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(247, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9614, 35.7494, 21.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 125, 118) }
```

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

```
.background{ background-color: rgb(247,  
125, 118) }
```

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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