

Converting Colors

XYZ(47.8013, 33.9853, 24.4625)

Have a look what the booklet for
XYZ(47.8013, 33.9853, 24.4625)
contains.

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Color

**XYZ(47.8013, 33.9853,
24.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	F47780
RGB	244, 119, 128
RGB Percent	96%, 47%, 50%
CMY	0.0431, 0.5333, 0.4980
CMYK	0.00, 0.51, 0.48, 0.04
HSL	356°, 85%, 71%
HSV	356°, 51%, 96%
XYZ	47.8013, 33.9853, 24.4625
YIQ	157.4010, 71.6110, 29.2990

Conversions

Conversions Part 2

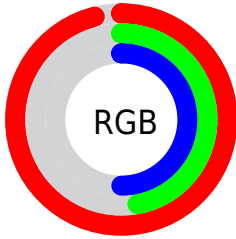
Format	Color
R _Y B	244, 119, 128
Decimal	16021376
CIE Lab	64.95, 48.70, 17.99
CIE LCh	65, 51.911, 20.272
Yxy	33.9853, 0.4499, 0.3199
Android (android.graphics.Color)	4294211456 (0xFFFF47780)
YUV	157.4010, -14.4947, 75.9473
Hunter-Lab	58.2969, 44.3438, 15.9286

Details

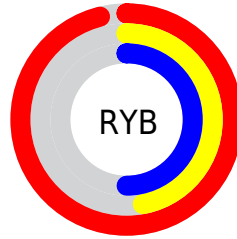
The XYZ color **47.8013, 33.9853, 24.4625** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.9557, 74.6221, 90.1092**, and the grayscale version is **32.2703, 33.9509, 36.9725**.

A 20% lighter version of the original color is **64.7165, 54.8683, 50.8958**, and **22.8300, 14.4124, 8.9757** is the 20% darker color. If you saturate the color by 10%, you get **43.9332, 28.3742, 16.6221**, and if you desaturate by 10%, it is **52.7490, 41.2235, 34.3041**.

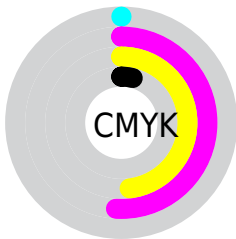
Distribution



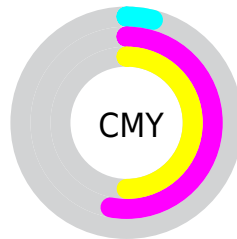
- Red (96%)
- Green (47%)
- Blue (50%)



- Red (96%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (4%)




- Cyan (4%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8013, 33.9853, 24.4625 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 47.8013, 33.9853, 24.4625 by changing the saturation by 10% instead.


 47.8013, 33.9853,
24.4625


 47.8013, 33.9853,
24.4625


368.5997,
320.0665, 288.5120

 33.8802, 22.8823,
15.4617


 86.1200, 65.9108,
51.7371

 22.9640, 14.5066,
8.9938


 111.2482, 87.5021,
70.8481

 14.6875, 8.4739,
4.6404


 140.8429,
113.3583, 94.1661

 8.6852, 4.3996,
1.9828

175.2693,
143.8638, 122.1098

 4.5919, 1.8995,
0.5447

214.8928,
179.4030, 155.0977

 2.0421, 0.5481,
0.0000

260.0788,

 0.6575, 0.0000,

220.3602, 193.5483

0.0000

311.1927,
267.1199, 237.8802

■ 0.0000, 0.0000,
0.0000

■ 47.8013, 33.9853,
24.4625

■ 47.8013, 33.9853,
24.4625

■ 43.9332, 28.3742,
16.6221

■ 52.7490, 41.2235,
34.3041

■ 41.0615, 24.2595,
10.6438

■ 58.8461, 50.1957,
46.2695

■ 39.0950, 21.4990,
6.3735

■ 66.1597, 61.0061,
60.4736

■ 37.9244, 19.9207,
3.6316

■ 74.7507, 73.7490,
77.0225

■ 37.4136, 19.2752,
2.3020

■ 84.6761, 88.5124,
96.0155

91.1180, 97.9730,
108.7160

Harmonies

Analogous

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



48.6974, 33.9853, 44.4283



47.8013, 33.9853, 24.4625



42.4205, 33.9853, 13.4663

Triad

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



47.8013, 33.9853, 24.4625



22.4342, 33.9853, 16.3907



29.9267, 33.9853, 94.4418

Complementary

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



47.8013, 33.9853, 24.4625



54.9557, 74.6221, 90.1092

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.



23.9359, 33.9853, 78.7096



47.8013, 33.9853, 24.4625



20.0740, 33.9853, 30.4570

Square

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



47.8013, 33.9853, 24.4625



27.5598, 33.9853, 10.2141



20.5775, 33.9853, 53.2332



37.5592, 33.9853, 90.8213

Rectangle

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



47.8013, 33.9853, 24.4625



37.4170, 33.9853, 10.1573



20.5775, 33.9853, 53.2332



27.6758, 33.9853, 91.0657

Sweetspot

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



47.8022, 33.9871, 24.4631



78.8409, 75.8979, 77.8593



56.7219, 37.1492, 89.7685



16.4449, 15.6070, 15.8363



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.



47.8022, 33.9871, 24.4631



48.5941, 31.4090, 18.4370



55.2178, 49.7241, 24.1427



16.5475, 16.5018, 17.3637



20.3614, 10.4880, 1.3454



1.8061, 0.9284, 0.2052

Inverse Universe

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



47.8022, 33.9871, 24.4631



48.5941, 31.4090, 18.4370



42.7699, 48.1181, 92.6211



16.5475, 16.5018, 17.3637



20.3614, 10.4880, 1.3454



1.8061, 0.9284, 0.2052

Previews

White Background



This preview shows how the XYZ color 47.8013, 33.9853, 24.4625 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 47.8013, 33.9853, 24.4625 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 47.8013, 33.9853, 24.4625

Background



This preview shows how black text looks on a background with the XYZ color 47.8013, 33.9853, 24.4625.



This preview shows how white text looks on a background with the XYZ color 47.8013, 33.9853,

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

47.8013, 33.9853, 24.4625

Protanopia

32.4277, 34.0071, 32.4587

Deuteranopia

34.8110, 34.2008, 23.5056



Tritanopia

47.7358, 33.9591, 24.1175

Trichromacy



Original Color

47.8013, 33.9853, 24.4625

Protanomaly

36.2943, 32.7448, 29.2184

Deuteranomaly

38.5334, 33.3586, 23.8100

Tritanomaly

47.7358, 33.9591, 24.1175

Monochromacy



Original Color

47.8013, 33.9853, 24.4625

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.9970, 32.5391, 31.5775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8013, 33.9853, 24.4625 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, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(244, 119, 128)  
}
```

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, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 119, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.8013, 33.9853, 24.4625 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, 119, 128) }
```


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

```
.border{ border-color:rgb(244, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(244, 119,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8013, 33.9853, 24.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 119, 128) }
```

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

```
.background{ background-color: rgb(244,  
119, 128) }
```

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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