

Converting Colors

XYZ(47.8571, 33.3352, 24.6063)

Have a look what the booklet for
XYZ(47.8571, 33.3352, 24.6063)
contains.

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Color

**XYZ(47.7494, 33.2589,
24.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	F57381
RGB	245, 115, 129
RGB Percent	96%, 45%, 51%
CMY	0.0392, 0.5490, 0.4941
CMYK	0.00, 0.53, 0.47, 0.04
HSL	354°, 87%, 71%
HSV	354°, 53%, 96%
XYZ	47.7494, 33.2589, 24.6718
YIQ	155.4660, 72.9860, 31.9140

Conversions

Conversions Part 2

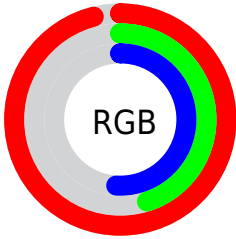
Format	Color
R _Y B	245, 115, 129
Decimal	16085889
CIE Lab	64.37, 51.06, 16.64
CIE LCh	64, 53.699, 18.051
Yxy	33.2589, 0.4518, 0.3147
Android (android.graphics.Color)	4294275969 (0xFFFF57381)
YUV	155.4660, -13.0477, 78.5213
Hunter-Lab	57.6705, 46.8690, 15.0048

Details

The XYZ color **47.7494, 33.2589, 24.6718** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.1483, 74.7200, 87.1747**, and the grayscale version is **31.3967, 33.0318, 35.9716**.

A 20% lighter version of the original color is **64.0582, 53.3868, 51.1844**, and **22.8839, 14.1070, 9.1062** is the 20% darker color. If you saturate the color by 10%, you get **44.0164, 27.8752, 17.0086**, and if you desaturate by 10%, it is **52.5373, 40.2550, 34.2210**.

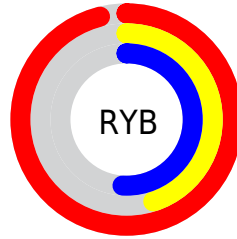
Distribution



Red (96%)

Green (45%)

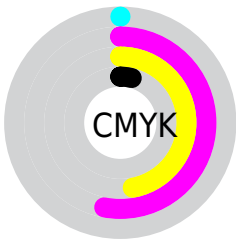
Blue (51%)



Red (96%)

Yellow (45%)

Blue (51%)

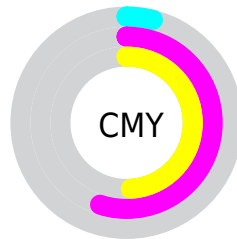


Cyan (0%)

Magenta (53%)

Yellow (47%)

Black (4%)



Cyan (4%)


Magenta (55%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7494, 33.2589, 24.6718 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 47.7494, 33.2589, 24.6718 by changing the saturation by 10% instead.


 47.7494, 33.2589,
24.6718


 47.7494, 33.2589,
24.6718

368.3971,
316.8147, 289.5947

 33.8389, 22.3249,
15.6159


 86.0431, 64.7795,
52.0818

 22.9322, 14.0958,
9.1014


 111.1571, 86.1349,
71.2730

 14.6638, 8.1873,
4.7096


 140.7362,
111.7328, 94.6797

 8.6686, 4.2150,
2.0222

175.1459,
141.9577, 122.7204

 4.5810, 1.7946,
0.5689

214.7514,
177.1940, 155.8137

 2.0358, 0.4838,
0.0000

259.9183,

 0.6540, 0.0000,

217.8259, 194.3782

0.0000

311.0117,
264.2381, 238.8323

■ 0.0000, 0.0000,
0.0000

■ 47.7494, 33.2589,
24.6718

■ 47.7494, 33.2589,
24.6718

■ 44.0164, 27.8752,
17.0086

■ 52.5373, 40.2550,
34.2210

■ 41.2555, 23.9700,
11.1041

■ 58.4493, 48.9726,
45.7684

■ 39.3755, 21.3972,
6.8181

■ 65.5519, 59.5177,
59.4194

■ 38.2666, 19.9776,
3.9877

■ 73.9054, 71.9860,
75.2716

■ 37.8468, 19.4887,
2.7663

■ 83.5663, 86.4667,
93.4164

91.4661, 98.1525,
108.7323

Harmonies

Analogous

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



48.2845, 33.2589, 45.6480



47.7494, 33.2589, 24.6718



42.4917, 33.2589, 13.0591

Triad

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



47.7494, 33.2589, 24.6718



21.8905, 33.2589, 14.7312



28.6646, 33.2589, 94.9903

Complementary

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



47.7494, 33.2589, 24.6718



54.1483, 74.7200, 87.1747

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.



22.7680, 33.2589, 77.4164



47.7494, 33.2589, 24.6718



19.3006, 33.2589, 28.1773

Square

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



47.7494, 33.2589, 24.6718



27.2718, 33.2589, 9.1220



19.5935, 33.2589, 50.8877



36.3889, 33.2589, 92.8014

Rectangle

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



47.7494, 33.2589, 24.6718



37.4308, 33.2589, 9.5183



19.5935, 33.2589, 50.8877



26.4291, 33.2589, 90.9791

Sweetspot

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



47.7502, 33.2607, 24.6724



78.0697, 74.5474, 77.0109



55.1929, 35.6513, 90.3585



16.3001, 15.3440, 15.7063



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.



47.7502, 33.2607, 24.6724



47.8300, 29.9918, 17.8401



54.1770, 47.5023, 22.5354



16.5716, 16.5115, 17.4908



20.4128, 10.5085, 1.6161



1.8175, 0.9330, 0.2656

Inverse Universe

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



47.7502, 33.2607, 24.6724



47.8300, 29.9918, 17.8401



43.1058, 49.3441, 93.6386



16.5716, 16.5115, 17.4908



20.4128, 10.5085, 1.6161



1.8175, 0.9330, 0.2656

Previews

White Background



This preview shows how the XYZ color 47.7494, 33.2589, 24.6718 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 47.7494, 33.2589, 24.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

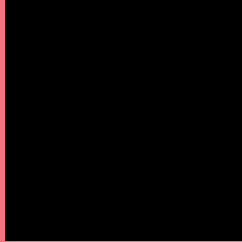
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7494, 33.2589, 24.6718

Background



This preview shows how black text looks on a background with the XYZ color 47.7494, 33.2589, 24.6718.



This preview shows how white text looks on a background with the XYZ color 47.7494, 33.2589,

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

47.7494, 33.2589, 24.6718

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

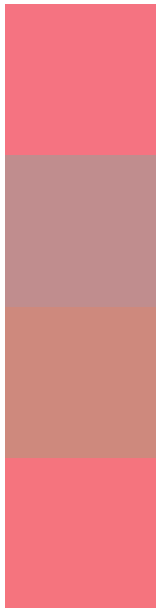
34.0099, 33.3100, 23.3759



Tritanopia

47.5397, 33.3585, 23.0020

Trichromacy



Original Color

47.7494, 33.2589, 24.6718

Protanomaly

36.1456, 32.2092, 29.9031

Deuteranomaly

38.1009, 32.4938, 23.6658

Tritanomaly

47.6675, 33.4096, 23.6750

Monochromacy



Original Color

47.7494, 33.2589, 24.6718

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.3054, 31.5229, 31.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7494, 33.2589, 24.6718 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(245, 115, 129)` looks like.

```
.text, #text, p{  
    color:rgb(245, 115, 129)  
}
```

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(245, 115, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 115, 129) }
```

Border

The CSS property to change the border of an element to XYZ 47.7494, 33.2589, 24.6718 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(245, 115, 129) }
```


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

```
.border{ border-color:rgb(245, 115, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 115, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(245, 115,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7494, 33.2589, 24.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 115, 129) }
```

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

```
.background{ background-color: rgb(245,  
115, 129) }
```

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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