

Converting Colors

XYZ(47.5477, 33.6333, 22.5464)

Have a look what the booklet for
XYZ(47.5477, 33.6333, 22.5464)
contains.

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Color

**XYZ(47.6475, 33.7745,
22.4202)**

Conversions

Conversions Part 1

Format	Color
Hex	F5767A
RGB	245, 118, 122
RGB Percent	96%, 46%, 48%
CMY	0.0392, 0.5372, 0.5216
CMYK	0.00, 0.52, 0.50, 0.04
HSL	358°, 86%, 71%
HSV	358°, 52%, 96%
XYZ	47.6475, 33.7745, 22.4202
YIQ	156.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

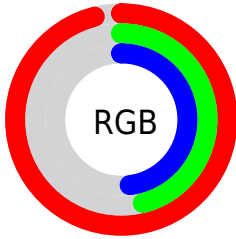
Format	Color
R _Y B	245, 118, 122
Decimal	16086650
CIE Lab	64.78, 48.99, 21.18
CIE LCh	65, 53.374, 23.379
Yxy	33.7745, 0.4588, 0.3252
Android (android.graphics.Color)	4294276730 (0xFFFF5767A)
YUV	156.4290, -16.9735, 77.6768
Hunter-Lab	58.1158, 44.6443, 17.8079

Details

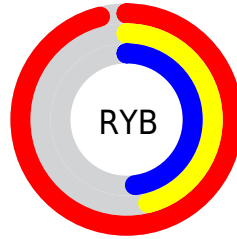
The XYZ color **47.6475, 33.7745, 22.4202** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.0027, 75.5080, 94.8470**, and the grayscale version is **31.8430, 33.5013, 36.4829**.

A 20% lighter version of the original color is **63.8236, 54.2031, 47.1428**, and **22.8032, 14.3382, 7.8690** is the 20% darker color. If you saturate the color by 10%, you get **43.8326, 28.2175, 14.7589**, and if you desaturate by 10%, it is **52.5722, 40.9768, 32.2228**.

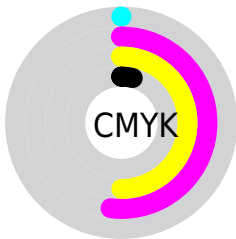
Distribution



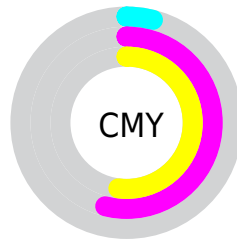
- Red (96%)
- Green (46%)
- Blue (48%)



- Red (96%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (52%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6475, 33.7745, 22.4202 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 47.6475, 33.7745, 22.4202 by changing the saturation by 10% instead.


 47.6475, 33.7745,
22.4202


 47.6475, 33.7745,
22.4202


367.9991,
319.1254, 277.7576

 33.7579, 22.7204,
13.9647


 85.8922, 65.5828,
48.3506

 22.8697, 14.3872,
7.9577


 110.9780, 87.1059,
66.6626

 14.6175, 8.3905,
3.9805


 140.5267,
112.8874, 89.0971

 8.6359, 4.3458,
1.6146

174.9034,
143.3117, 116.0728

 4.5597, 1.8688,
0.3012

214.4737,
178.7633, 148.0082

 2.0234, 0.5295,
0.0000

259.6028,

 0.6470, 0.0000,

219.6265, 185.3217

0.0000

310.6562,
266.2857, 228.4320

■ 0.0000, 0.0000,
0.0000

■ 47.6475, 33.7745,
22.4202

■ 47.6475, 33.7745,
22.4202

■ 43.8326, 28.2175,
14.7589

■ 52.5722, 40.9768,
32.2228

■ 41.0391, 24.1714,
9.0772

■ 58.6809, 49.9346,
44.3085

■ 39.1692, 21.4892,
5.1937

■ 66.0446, 60.7546,
58.8090

■ 38.1052, 19.9925,
2.8925

■ 74.7278, 73.5336,
75.8454

■ 37.6983, 19.4293,
1.9845

■ 84.7906, 88.3618,
95.5310

91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



49.1112, 33.7745, 41.8676



47.6475, 33.7745, 22.4202



41.7371, 33.7745, 12.2092

Triad

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



47.6475, 33.7745, 22.4202



21.6515, 33.7745, 16.8813



30.4295, 33.7745, 96.7838

Complementary

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



47.6475, 33.7745, 22.4202



56.0027, 75.5080, 94.8470

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.



24.0765, 33.7745, 82.2125



47.6475, 33.7745, 22.4202



19.5575, 33.7745, 32.1125

Square

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



47.6475, 33.7745, 22.4202



26.5930, 33.7745, 10.0181



20.3687, 33.7745, 56.2313



38.3229, 33.7745, 90.8312

Rectangle

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



47.6475, 33.7745, 22.4202



36.5119, 33.7745, 9.3186



20.3687, 33.7745, 56.2313



28.0616, 33.7745, 93.9817

Sweetspot

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



47.6483, 33.7763, 22.4208



77.6651, 74.3856, 74.8803



59.1567, 38.2110, 90.6435



16.2053, 15.3060, 15.2067



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.



47.6483, 33.7763, 22.4208



47.8974, 30.7477, 15.9474



56.7022, 52.2719, 24.2429



16.5202, 16.4910, 17.2202



20.3182, 10.4707, 1.1182



1.7931, 0.9232, 0.1366

Inverse Universe

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



47.6483, 33.7763, 22.4208



47.8974, 30.7477, 15.9474



41.4572, 45.4517, 92.9740



16.5202, 16.4910, 17.2202



20.3182, 10.4707, 1.1182



1.7931, 0.9232, 0.1366

Previews

White Background



This preview shows how the XYZ color 47.6475, 33.7745, 22.4202 looks on a white background.

Color Contrast Check

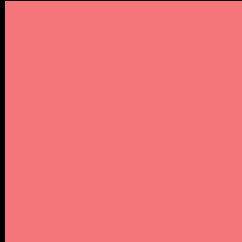
Large Text (above 18pt) WCAG AA × Fail

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 47.6475, 33.7745, 22.4202 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 47.6475, 33.7745, 22.4202

Background



This preview shows how black text looks on a background with the XYZ color 47.6475, 33.7745, 22.4202.



This preview shows how white text looks on a background with the XYZ color 47.6475, 33.7745,

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

47.6475, 33.7745, 22.4202

Protanopia

32.1745, 33.9295, 30.0526

Deuteranopia

34.4687, 33.8333, 21.2368



Tritanopia

47.7834, 33.6414, 23.7136

Trichromacy



Original Color

47.6475, 33.7745, 22.4202

Protanomaly

36.1179, 32.7036, 26.9631

Deuteranomaly

38.2348, 33.0386, 21.5014

Tritanomaly

47.7191, 33.6157, 23.3754

Monochromacy



Original Color

47.6475, 33.7745, 22.4202

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.4461, 32.0510, 30.7038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6475, 33.7745, 22.4202 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, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 118, 122)  
}
```

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, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 118, 122) }
```

Border

The CSS property to change the border of an element to XYZ 47.6475, 33.7745, 22.4202 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, 118, 122) }
```


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

```
.border{ border-color:rgb(245, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(245, 118,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6475, 33.7745, 22.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 118, 122) }
```

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

```
.background{ background-color: rgb(245,  
118, 122) }
```

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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