

Converting Colors

XYZ(47.7033, 32.7474, 22.7560)

Have a look what the booklet for
XYZ(47.7033, 32.7474, 22.7560)
contains.

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Color

**XYZ(47.7900, 32.8177,
22.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	F7707C
RGB	247, 112, 124
RGB Percent	97%, 44%, 49%
CMY	0.0314, 0.5608, 0.5137
CMYK	0.00, 0.55, 0.50, 0.03
HSL	355°, 89%, 70%
HSV	355°, 55%, 97%
XYZ	47.7900, 32.8177, 22.8844
YIQ	153.7330, 76.6080, 32.3520

Conversions

Conversions Part 2

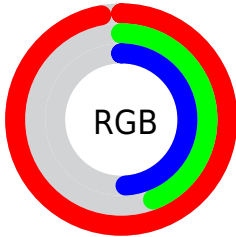
Format	Color
R _Y B	247, 112, 124
Decimal	16216188
CIE Lab	64.01, 52.71, 19.04
CIE LCh	64, 56.041, 19.864
Yxy	32.8177, 0.4618, 0.3171
Android (android.graphics.Color)	4294406268 (0xFFFF7707C)
YUV	153.7330, -14.6584, 81.7952
Hunter-Lab	57.2867, 48.6573, 16.4161

Details

The XYZ color **47.7900, 32.8177, 22.8844** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.9401, 75.9651, 90.3695**, and the grayscale version is **30.6379, 32.2335, 35.1022**.

A 20% lighter version of the original color is **62.8952, 52.0320, 47.8025**, and **22.9828, 13.8734, 8.1231** is the 20% darker color. If you saturate the color by 10%, you get **44.1641, 27.5898, 15.4372**, and if you desaturate by 10%, it is **52.4896, 39.6736, 32.2924**.

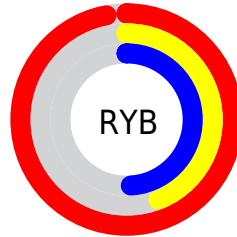
Distribution



Red (97%)

Green (44%)

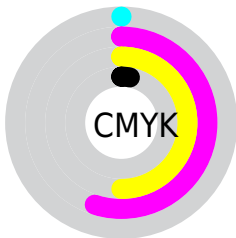
Blue (49%)



Red (97%)

Yellow (44%)

Blue (49%)

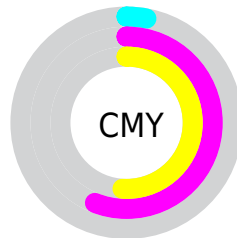


Cyan (0%)

Magenta (55%)

Yellow (50%)

Black (3%)



Cyan (3%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7900, 32.8177, 22.8844 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 47.7900, 32.8177, 22.8844 by changing the saturation by 10% instead.


 47.7900, 32.8177,
22.8844


 47.7900, 32.8177,
22.8844

368.5556,
314.8275, 280.2333

 33.8712, 21.9868,
14.3037


 86.1032, 64.0908,
49.1242

 22.9571, 13.8472,
8.1910


 111.2284, 85.3018,
67.6204

 14.6823, 8.0145,
4.1279


 140.8196,
110.7417, 90.2588

 8.6816, 4.1042,
1.6958

175.2424,
140.7948, 117.4580

 4.5895, 1.7320,
0.3578

214.8620,
175.8455, 149.6365

 2.0408, 0.4443,
0.0000

260.0439,

 0.6567, 0.0000,

216.2783, 187.2129

0.0000

311.1533,
262.4775, 230.6057

0.0000, 0.0000,
0.0000

47.7900, 32.8177,
22.8844

47.7900, 32.8177,
22.8844

44.1641, 27.5898,
15.4372

52.4896, 39.6736,
32.2924

41.5244, 23.8502,
9.8101

58.3365, 48.2717,
43.7847

39.7735, 21.4447,
5.8467

65.4003, 58.7218,
57.4768

38.7927, 20.1827,
3.3628

73.7447, 71.1234,
73.4753

38.5019, 19.8318,
2.5549

83.4288, 85.5689,
91.8795

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.



48.6825, 32.8177, 43.9576



47.7900, 32.8177, 22.8844



42.0563, 32.8177, 11.7094

Triad

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



47.7900, 32.8177, 22.8844



20.9517, 32.8177, 14.3709



28.5921, 32.8177, 98.0286

Complementary

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



47.7900, 32.8177, 22.8844



54.9401, 75.9651, 90.3695

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.



22.3815, 32.8177, 80.4361



47.7900, 32.8177, 22.8844



18.4906, 32.8177, 28.6040

Square

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



47.7900, 32.8177, 22.8844



26.3056, 32.8177, 8.4314



18.9656, 32.8177, 52.6664



36.6494, 32.8177, 94.3305

Rectangle

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



47.7900, 32.8177, 22.8844



36.7250, 32.8177, 8.4584



18.9656, 32.8177, 52.6664



26.2451, 32.8177, 94.1955

Sweetspot

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



47.7908, 32.8195, 22.8850



77.9692, 74.5072, 76.4814



56.3514, 35.7135, 91.9187



16.2765, 15.3345, 15.5820



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.



47.7908, 32.8195, 22.8850



47.0050, 28.9803, 15.5964



54.9198, 48.2182, 21.7440



16.5589, 16.5064, 17.4238



20.3838, 10.4969, 1.4633



1.8115, 0.9306, 0.2338

Inverse Universe

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



47.7908, 32.8195, 22.8850



47.0050, 28.9803, 15.5964



42.5422, 48.3019, 95.0763



16.5589, 16.5064, 17.4238



20.3838, 10.4969, 1.4633



1.8115, 0.9306, 0.2338

Previews

White Background



This preview shows how the XYZ color 47.7900, 32.8177, 22.8844 looks on a white background.

Color Contrast Check

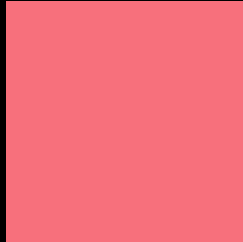
Large Text (above 18pt) WCAG AA × Fail

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 47.7900, 32.8177, 22.8844 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 47.7900, 32.8177, 22.8844

Background



This preview shows how black text looks on a background with the XYZ color 47.7900, 32.8177, 22.8844.



This preview shows how white text looks on a background with the XYZ color 47.7900, 32.8177,

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

47.7900, 32.8177, 22.8844

Protanopia

31.5301, 33.0641, 31.5083

Deuteranopia

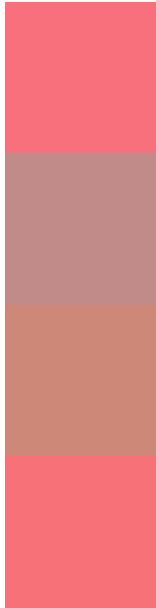
33.5459, 32.8702, 21.7161



Tritanopia

47.6531, 32.9405, 21.6159

Trichromacy



Original Color

47.7900, 32.8177, 22.8844

Protanomaly

35.4862, 31.4778, 27.8724

Deuteranomaly

37.6479, 32.0862, 21.9783

Tritanomaly

47.7141, 32.9649, 21.9372

Monochromacy



Original Color

47.7900, 32.8177, 22.8844

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.9296, 31.1398, 30.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7900, 32.8177, 22.8844 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, 112, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 112, 124)  
}
```

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, 112, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 112, 124) }
```

Border

The CSS property to change the border of an element to XYZ 47.7900, 32.8177, 22.8844 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, 112, 124) }
```


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

```
.border{ border-color:rgb(247, 112, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 112, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 112,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7900, 32.8177, 22.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 112, 124) }
```

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

```
.background{ background-color: rgb(247,  
112, 124) }
```

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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