

Converting Colors

XYZ(47.8401, 33.2402, 22.2514)

Have a look what the booklet for
XYZ(47.8401, 33.2402, 22.2514)
contains.

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Color

**XYZ(47.8879, 33.2139,
22.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	F7727A
RGB	247, 114, 122
RGB Percent	97%, 45%, 48%
CMY	0.0314, 0.5529, 0.5216
CMYK	0.00, 0.54, 0.51, 0.03
HSL	356°, 89%, 71%
HSV	356°, 54%, 97%
XYZ	47.8879, 33.2139, 22.2993
YIQ	154.6790, 76.7000, 30.6840

Conversions

Conversions Part 2

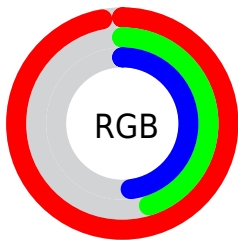
Format	Color
RYB	247, 114, 122
Decimal	16216698
CIELab	64.33, 51.60, 20.62
CIElCh	64, 55.563, 21.781
Yxy	33.2139, 0.4631, 0.3212
Android (android.graphics.Color)	4294406778 (0xFFFF7727A)
YUV	154.6790, -16.1107, 80.9655
Hunter-Lab	57.6315, 47.4664, 17.4010

Details

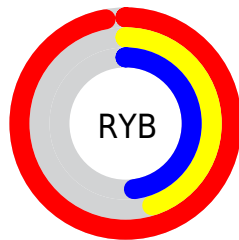
The XYZ color **47.8879, 33.2139, 22.2993** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.7821, 76.3316, 93.4600**, and the grayscale version is **31.0601, 32.6777, 35.5860**.

A 20% lighter version of the original color is **63.0679, 52.6919, 46.8909**, and **23.0497, 14.0614, 7.9778** is the 20% darker color. If you saturate the color by 10%, you get **44.1976, 27.8670, 14.8001**, and if you desaturate by 10%, it is **52.6755, 40.2059, 31.8598**.

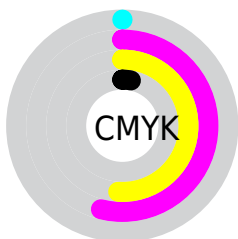
Distribution



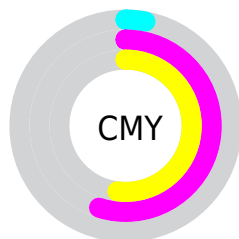
- Red (97%)
- Green (45%)
- Blue (48%)



- Red (97%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (3%)





- Cyan (3%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8879, 33.2139, 22.2993 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 47.8879, 33.2139, 22.2993 by changing the saturation by 10% instead.


 47.8879, 33.2139,
22.2993


 47.8879, 33.2139,
22.2993

368.9376,
316.6125, 277.1097


 33.9490, 22.2904,
13.8766


 86.2482, 64.7093,
48.1487

 23.0171, 14.0704,
7.8971


 111.4003, 86.0500,
66.4124

 14.7269, 8.1696,
3.9423


 141.0208,
111.6319, 88.7936

 8.7130, 4.2037,
1.5938

175.4752,
141.8393, 115.7107

 4.6101, 1.7881,
0.2864

215.1286,
177.0567, 147.5824

 2.0527, 0.4798,
0.0000

260.3466,

 0.6633, 0.0000,

217.6684, 184.8270

0.0000

311.4945,
264.0589, 227.8633

■ 0.0000, 0.0000,
0.0000

■ 47.8879, 33.2139,
22.2993

■ 47.8879, 33.2139,
22.2993

■ 44.1976, 27.8670,
14.8001

■ 52.6755, 40.2059,
31.8598

■ 41.5151, 24.0257,
9.2087

■ 58.6355, 48.9568,
43.6162

■ 39.7412, 21.5366,
5.3532

■ 65.8393, 59.5768,
57.6939

■ 38.7549, 20.2110,
3.0299

■ 74.3517, 72.1652,
74.2081

■ 38.4427, 19.8081,
2.2434

■ 84.2331, 86.8146,
93.2665

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.



49.1247, 33.2139, 42.7496



47.8879, 33.2139, 22.2993



41.9348, 33.2139, 11.6152

Triad

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



47.8879, 33.2139, 22.2993



21.0713, 33.2139, 15.3681



29.4458, 33.2139, 98.6058

Complementary

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



47.8879, 33.2139, 22.2993



55.7821, 76.3316, 93.4600

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.



23.0695, 33.2139, 82.2670



47.8879, 33.2139, 22.2993



18.7903, 33.2139, 30.2926

Square

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



47.8879, 33.2139, 22.2993



26.2589, 33.2139, 8.9348



19.4553, 33.2139, 54.8372



37.5502, 33.2139, 93.5045

Rectangle

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



47.8879, 33.2139, 22.2993



36.5624, 33.2139, 8.5754



19.4553, 33.2139, 54.8372



27.0520, 33.2139, 95.2586

Sweetspot

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



47.8887, 33.2157, 22.2999



77.8164, 74.4461, 75.6768



58.1114, 36.9521, 92.0650



16.2407, 15.3202, 15.3933



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.



47.8887, 33.2157, 22.2999



47.0955, 29.3513, 15.0407



56.0790, 50.3565, 22.6861



16.5395, 16.4987, 17.3216



20.3477, 10.4825, 1.2732



1.8023, 0.9269, 0.1851

Inverse Universe

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



47.8887, 33.2157, 22.2999



47.0955, 29.3513, 15.0407



42.0062, 46.8478, 94.8239



16.5395, 16.4987, 17.3216



20.3477, 10.4825, 1.2732



1.8023, 0.9269, 0.1851

Previews

White Background



This preview shows how the XYZ color 47.8879, 33.2139, 22.2993 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 47.8879, 33.2139, 22.2993 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 47.8879, 33.2139, 22.2993

Background



This preview shows how black text looks on a background with the XYZ color 47.8879, 33.2139, 22.2993.



This preview shows how white text looks on a background with the XYZ color 47.8879, 33.2139,

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

47.8879, 33.2139, 22.2993

Protanopia

31.6712, 33.4113, 30.3710

Deuteranopia

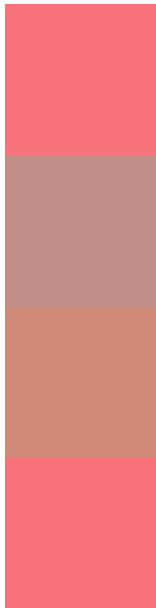
34.0663, 33.3879, 21.1720



Tritanopia

47.8879, 33.2139, 22.2993

Trichromacy



Original Color

47.8879, 33.2139, 22.2993

Protanomaly

35.8904, 32.1365, 27.2330

Deuteranomaly

38.2281, 32.6092, 21.4189

Tritanomaly

47.8879, 33.2139, 22.2993

Monochromacy



Original Color

47.8879, 33.2139, 22.2993

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.0750, 31.4307, 30.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8879, 33.2139, 22.2993 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, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(247, 114, 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(247, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 47.8879, 33.2139, 22.2993 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, 114, 122) }
```


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

```
.border{ border-color:rgb(247, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(247, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8879, 33.2139, 22.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 114, 122) }
```

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

```
.background{ background-color: rgb(247,  
114, 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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