

Converting Colors

XYZ(47.2281, 33.4093, 22.1541)

Have a look what the booklet for
XYZ(47.2281, 33.4093, 22.1541)
contains.

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Color

**XYZ(47.1207, 33.3362,
22.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	F47579
RGB	244, 117, 121
RGB Percent	96%, 46%, 47%
CMY	0.0431, 0.5411, 0.5255
CMYK	0.00, 0.52, 0.50, 0.04
HSL	358°, 85%, 71%
HSV	358°, 52%, 96%
XYZ	47.1207, 33.3362, 22.0401
YIQ	155.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

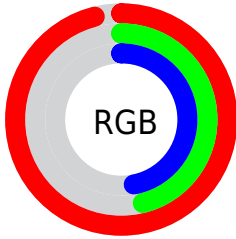
Format	Color
RYB	244, 117, 121
Decimal	16020857
CIELab	64.43, 49.04, 21.25
CIElCh	64, 53.440, 23.426
Yxy	33.3362, 0.4597, 0.3252
Android (android.graphics.Color)	4294210937 (0xFFFF47579)
YUV	155.4290, -16.9735, 77.6768
Hunter-Lab	57.7375, 44.6367, 17.7835

Details

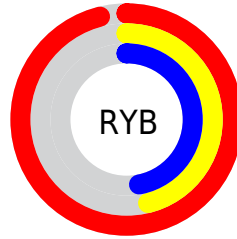
The XYZ color **47.1207, 33.3362, 22.0401** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.4169, 74.7752, 93.9557**, and the grayscale version is **31.3968, 33.0319, 35.9717**.

A 20% lighter version of the original color is **63.5353, 53.7822, 46.5675**, and **22.5085, 14.1033, 7.8392** is the 20% darker color. If you saturate the color by 10%, you get **43.3630, 27.8630, 14.4920**, and if you desaturate by 10%, it is **51.9758, 40.4364, 31.7057**.

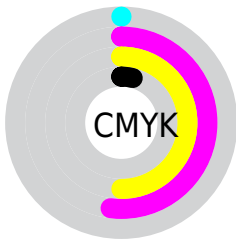
Distribution



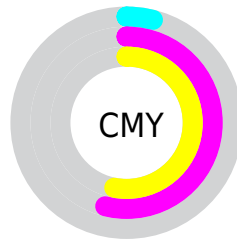
- Red (96%)
- Green (46%)
- Blue (47%)



- Red (96%)
- Yellow (46%)
- Blue (47%)



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





- Cyan (4%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1207, 33.3362, 22.0401 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 47.1207, 33.3362, 22.0401 by changing the saturation by 10% instead.


 47.1207, 33.3362,
22.0401


 47.1207, 33.3362,
22.0401


365.9370,
317.1620, 275.7160

 33.3394, 22.3841,
13.6878

 85.1114, 64.9001,
47.7153

 22.5471, 14.1394,
7.7676


 110.0516, 86.2806,
65.8753

 14.3783, 8.2177,
3.8609


 139.4420,
111.9062, 88.1415

 8.4677, 4.2346,
1.5494

173.6482,
142.1611, 114.9326

 4.4500, 1.8056,
0.2543

213.0354,
177.4297, 146.6670

 1.9597, 0.4907,
0.0000

257.9691,

 0.6112, 0.0000,

218.0964, 183.7634

0.0000

308.8145,
264.5457, 226.6402

■ 0.0000, 0.0000,
0.0000

■ 47.1207, 33.3362,
22.0401

■ 47.1207, 33.3362,
22.0401

■ 43.3630, 27.8630,
14.4920

■ 51.9758, 40.4364,
31.7057

■ 40.6149, 23.8833,
8.9012

■ 58.0021, 49.2728,
43.6296

■ 38.7796, 21.2513,
5.0872

■ 65.2698, 59.9514,
57.9423

■ 37.7397, 19.7894,
2.8357

■ 73.8430, 72.5681,
74.7640

■ 37.3501, 19.2498,
1.9673

■ 83.7812, 87.2123,
94.2070

91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



48.5835, 33.3362, 41.3168



47.1207, 33.3362, 22.0401



41.2422, 33.3362, 11.9512

Triad

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



47.1207, 33.3362, 22.0401



21.3147, 33.3362, 16.5955



30.0370, 33.3362, 95.9792

Complementary

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



47.1207, 33.3362, 22.0401



55.4169, 74.7752, 93.9557

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.



23.7317, 33.3362, 81.5021



47.1207, 33.3362, 22.0401



19.2444, 33.3362, 31.7020

Square

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



47.1207, 33.3362, 22.0401



26.2096, 33.3362, 9.8037



20.0525, 33.3362, 55.6665



37.8744, 33.3362, 90.0208

Rectangle

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



47.1207, 33.3362, 22.0401



36.0512, 33.3362, 9.1043



20.0525, 33.3362, 55.6665



27.6865, 33.3362, 93.2002

Sweetspot

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



47.1215, 33.3380, 22.0407



77.6651, 74.3856, 74.8802



58.5472, 37.7405, 89.7865



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.



47.1215, 33.3380, 22.0407



47.8973, 30.7477, 15.9472



56.0979, 51.6745, 23.8496



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.



47.1215, 33.3380, 22.0407



47.8973, 30.7477, 15.9472



40.9602, 44.9020, 92.0957



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 47.1207, 33.3362, 22.0401 looks on a white background.

Color Contrast Check

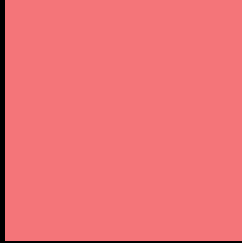
Large Text (above 18pt) WCAG AA × Fail

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 47.1207, 33.3362, 22.0401 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 47.1207, 33.3362, 22.0401

Background



This preview shows how black text looks on a background with the XYZ color 47.1207, 33.3362, 22.0401.



This preview shows how white text looks on a background with the XYZ color 47.1207, 33.3362,

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

47.1207, 33.3362, 22.0401

Protanopia

31.7263, 33.4569, 29.5966

Deuteranopia

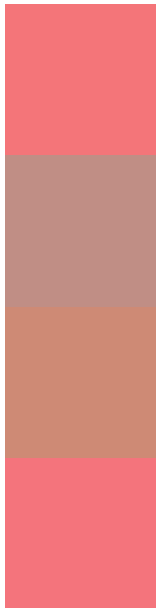
34.0084, 33.3648, 20.8673



Tritanopia

47.2553, 33.2045, 23.3205

Trichromacy



Original Color

47.1207, 33.3362, 22.0401

Protanomaly

35.6449, 32.2459, 26.5357

Deuteranomaly

37.7530, 32.5831, 21.1290

Tritanomaly

47.1917, 33.1791, 22.9857

Monochromacy



Original Color

47.1207, 33.3362, 22.0401

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.9763, 31.5977, 30.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1207, 33.3362, 22.0401 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, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(244, 117, 121)  
}
```

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, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 117, 121) }
```

Border

The CSS property to change the border of an element to XYZ 47.1207, 33.3362, 22.0401 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, 117, 121) }
```


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

```
.border{ border-color:rgb(244, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(244, 117,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1207, 33.3362, 22.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 117, 121) }
```

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

```
.background{ background-color: rgb(244,  
117, 121) }
```

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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