

Converting Colors

XYZ(48.5971, 33.5795, 22.3325)

Have a look what the booklet for
XYZ(48.5971, 33.5795, 22.3325)
contains.

| | |
|--|----|
| XYZ(48.5971, 33.5795, 22.3325) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(48.5971, 33.5795,
22.3325)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9727A |
| RGB | 249, 114, 122 |
| RGB Percent | 98%, 45%, 48% |
| CMY | 0.0235, 0.5529, 0.5216 |
| CMYK | 0.00, 0.54, 0.51, 0.02 |
| HSL | 356°, 92%, 71% |
| HSV | 356°, 54%, 98% |
| XYZ | 48.5971, 33.5795, 22.3325 |
| YIQ | 155.2770, 77.8920, 31.1080 |

Conversions

Conversions Part 2

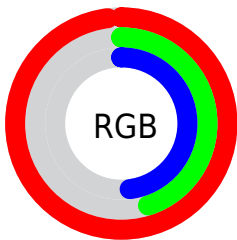
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 249, 114, 122 |
| Decimal | 16347770 |
| CIE Lab | 64.63, 52.28, 21.07 |
| CIE LCh | 65, 56.369, 21.944 |
| Yxy | 33.5795, 0.4650, 0.3213 |
| Android (android.graphics.Color) | 4294537850 (0xFFFF9727A) |
| YUV | 155.2770, -16.4056, 82.1951 |
| Hunter-Lab | 57.9478, 48.2877, 17.7137 |

Details

The XYZ color **48.5971, 33.5795, 22.3325** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.6943, 77.6804, 95.2302**, and the grayscale version is **31.3258, 32.9572, 35.8904**.

A 20% lighter version of the original color is **63.0679, 52.6919, 46.8909**, and **23.5390, 14.3137, 8.0007** is the 20% darker color. If you saturate the color by 10%, you get **44.8801, 28.1952, 14.7750**, and if you desaturate by 10%, it is **53.4299, 40.6358, 31.9883**.

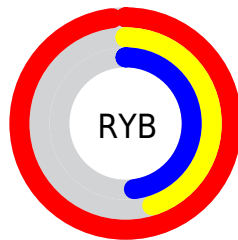
Distribution



Red (98%)

Green (45%)

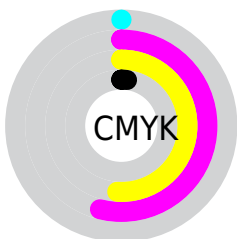
Blue (48%)



Red (98%)

Yellow (45%)

Blue (48%)

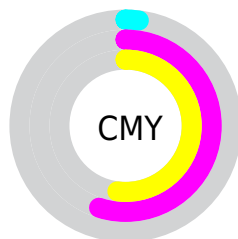


Cyan (0%)

Magenta (54%)

Yellow (51%)

Black (2%)



Cyan (2%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5971, 33.5795, 22.3325 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 48.5971, 33.5795, 22.3325 by changing the saturation by 10% instead.


 48.5971, 33.5795,
22.3325


 48.5971, 33.5795,
22.3325


371.6973,
318.2530, 277.2877


 34.5132, 22.5707,
13.9008


 87.2971, 65.2792,
48.2042

 23.4529, 14.2769,
7.9137


 112.6439, 86.7390,
66.4812

 15.0508, 8.3135,
3.9528


 142.4757,
112.4512, 88.8770

 8.9416, 4.2962,
1.5995

177.1579,
142.8003, 115.8102

 4.7599, 1.8406,
0.2905

217.0558,
178.1706, 147.6994

 2.1404, 0.5123,
0.0000

262.5347,

 0.7110, 0.0000,

218.9465, 184.9630

0.0000

313.9602,
265.5125, 228.0196

■ 0.0000, 0.0000,
0.0000

■ 48.5971, 33.5795,
22.3325

■ 48.5971, 33.5795,
22.3325

■ 44.8801, 28.1952,
14.7750

■ 53.4299, 40.6358,
31.9883

■ 42.1871, 24.3400,
9.1581

■ 59.4555, 49.4810,
43.8805

■ 40.4161, 21.8565,
5.3049

■ 66.7469, 60.2275,
58.1379

■ 39.4426, 20.5501,
3.0051

■ 75.3706, 72.9772,
74.8785

■ 39.1512, 20.1734,
2.2728

■ 85.3885, 87.8246,
94.2128

92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



49.8949, 33.5795, 43.1561



48.5971, 33.5795, 22.3325



42.4786, 33.5795, 11.5325

Triad

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



48.5971, 33.5795, 22.3325



21.1830, 33.5795, 15.4275



29.7891, 33.5795, 100.6479

Complementary

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



48.5971, 33.5795, 22.3325



56.6943, 77.6804, 95.2302

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.



23.2683, 33.5795, 83.9564



48.5971, 33.5795, 22.3325



18.8767, 33.5795, 30.6770

Square

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



48.5971, 33.5795, 22.3325



26.4573, 33.5795, 8.8788



19.5698, 33.5795, 55.8296



38.0789, 33.5795, 95.2788

Rectangle

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



48.5971, 33.5795, 22.3325



36.9758, 33.5795, 8.4830



19.5698, 33.5795, 55.8296



27.3408, 33.5795, 97.2469

Sweetspot

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



48.5979, 33.5813, 22.3331



77.8117, 74.4442, 75.6520



59.0523, 37.4013, 93.7290



16.2396, 15.3198, 15.3875



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.



48.5979, 33.5813, 22.3331



47.0884, 29.3485, 15.0034



56.9532, 51.0522, 22.7743



17.2863, 17.2419, 18.0973



20.9733, 10.8051, 1.3020



1.9567, 1.0064, 0.1952

Inverse Universe

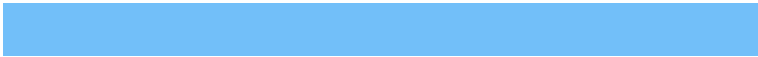
The Inverse Universe completely reimagines the original color for something new.



48.5979, 33.5813, 22.3331



47.0884, 29.3485, 15.0034



42.5620, 47.4628, 96.5402



17.2863, 17.2419, 18.0973



20.9733, 10.8051, 1.3020



1.9567, 1.0064, 0.1952

Previews

White Background



This preview shows how the XYZ color 48.5971, 33.5795, 22.3325 looks on a white background.

Color Contrast Check

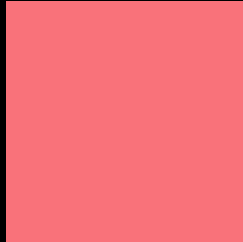
Large Text (above 18pt) WCAG AA × Fail

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 48.5971, 33.5795, 22.3325 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 48.5971, 33.5795, 22.3325

Background



This preview shows how black text looks on a background with the XYZ color 48.5971, 33.5795, 22.3325.



This preview shows how white text looks on a background with the XYZ color 48.5971, 33.5795,

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

48.5971, 33.5795, 22.3325

Protanopia

32.1192, 33.8836, 30.8339

Deuteranopia

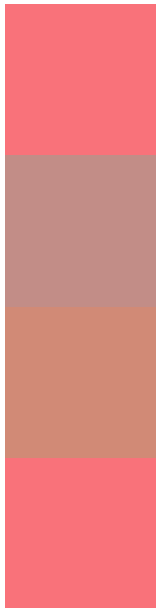
34.4687, 33.8333, 21.2368



Tritanopia

48.5971, 33.5795, 22.3325

Trichromacy



Original Color

48.5971, 33.5795, 22.3325

Protanomaly

36.1462, 32.2684, 27.2450

Deuteranomaly

38.6530, 33.0403, 21.4797

Tritanomaly

48.5971, 33.5795, 22.3325

Monochromacy



Original Color

48.5971, 33.5795, 22.3325

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.3223, 31.5582, 30.2162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5971, 33.5795, 22.3325 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(249, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 48.5971, 33.5795, 22.3325 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(249, 114, 122) }
```


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

```
.border{ border-color:rgb(249, 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(249, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(249, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5971, 33.5795, 22.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 114, 122) }
```

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

```
.background{ background-color: rgb(249,  
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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