

Converting Colors

XYZ(48.3873, 29.7692, 22.1479)

Have a look what the booklet for
XYZ(48.3873, 29.7692, 22.1479)
contains.

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Color

**XYZ(48.4505, 29.8600,
22.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	FF597C
RGB	255, 89, 124
RGB Percent	100%, 35%, 49%
CMY	0.0000, 0.6509, 0.5137
CMYK	0.00, 0.65, 0.51, 0.00
HSL	347°, 100%, 67%
HSV	347°, 65%, 100%
XYZ	48.4505, 29.8600, 22.2787
YIQ	142.6240, 87.7010, 46.0770

Conversions

Conversions Part 2

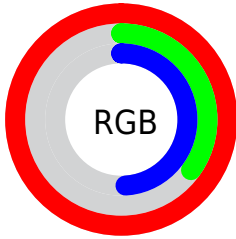
Format	Color
R _Y B	255, 89, 124
Decimal	16734588
CIE Lab	61.53, 65.22, 15.83
CIE LCh	62, 67.112, 13.639
Yxy	29.8600, 0.4817, 0.2969
Android (android.graphics.Color)	4294924668 (0xFFFF597C)
YUV	142.6240, -9.1816, 98.5538
Hunter-Lab	54.6443, 62.6399, 14.0782

Details

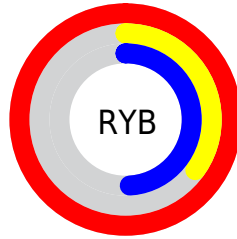
The XYZ color **48.4505, 29.8600, 22.2787** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **52.8002, 78.8120, 80.1460**, and the grayscale version is **25.9710, 27.3236, 29.7553**.

A 20% lighter version of the original color is **59.5102, 45.2620, 46.6742**, and **23.4973, 12.2602, 7.9655** is the 20% darker color. If you saturate the color by 10%, you get **45.5382, 25.8687, 15.6567**, and if you desaturate by 10%, it is **52.3585, 35.4275, 30.5143**.

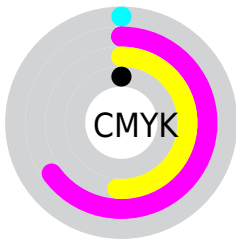
Distribution



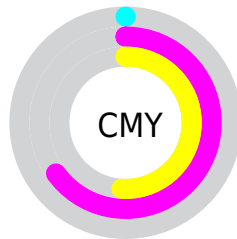
- Red (100%)
- Green (35%)
- Blue (49%)



- Red (100%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (65%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4505, 29.8600, 22.2787 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 48.4505, 29.8600, 22.2787 by changing the saturation by 10% instead.


 48.4505, 29.8600,
22.2787


 48.4505, 29.8600,
22.2787


371.1280,
301.2513, 276.9991


 34.3965, 19.7323,
13.8616

 87.0804, 59.4407,
48.1143


 23.3627, 12.2006,
7.8868


 112.3871, 79.6626,
66.3698

 14.9837, 6.8805,
3.9359


 142.1753,
104.0179, 88.7419

 8.8942, 3.3875,
1.5902

 176.8105,
132.8912, 115.6490

 4.7288, 1.3372,
0.2838

216.6580,
166.6668, 147.5097

 2.1221, 0.1697,
0.0000

262.0832,

 0.7012, 0.0000,

205.7291, 184.7426

0.0000

313.4514,
250.4625, 227.7663

■ 0.0000, 0.0000,
0.0000

■ 48.4505, 29.8600,
22.2787

■ 48.4505, 29.8600,
22.2787

■ 45.5382, 25.8687,
15.6567

■ 52.3585, 35.4275,
30.5143

■ 43.5238, 23.2830,
10.5367

■ 57.3429, 42.7085,
40.4616

■ 42.2925, 21.9014,
6.7933

■ 63.4783, 51.8311,
52.2122

■ 41.9000, 21.5240,
5.4059

■ 70.8320, 62.9096,
65.8506

■ 79.4660, 76.0492,
81.4560

89.4380, 91.3474,
99.1028

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



48.1509, 29.8600, 48.3486



48.4505, 29.8600, 22.2787



42.6403, 29.8600, 9.0753

Triad

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



48.4505, 29.8600, 22.2787



18.1412, 29.8600, 8.3907



23.8320, 29.8600, 105.7642

Complementary

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



48.4505, 29.8600, 22.2787



52.8002, 78.8120, 80.1460

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.



17.7183, 29.8600, 79.3658



48.4505, 29.8600, 22.2787



14.9334, 29.8600, 20.5776

Square

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



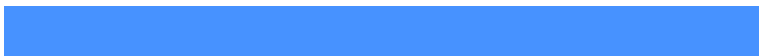
48.4505, 29.8600, 22.2787



24.5371, 29.8600, 4.3668



14.7968, 29.8600, 45.4801



32.6068, 29.8600, 107.0915

Rectangle

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



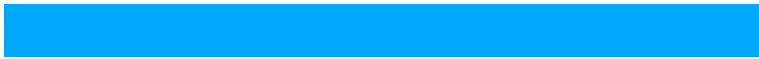
48.4505, 29.8600, 22.2787



36.6701, 29.8600, 5.4142



14.7968, 29.8600, 45.4801



21.4459, 29.8600, 99.0843

Sweetspot

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



48.4513, 29.8617, 22.2792



75.0666, 69.3392, 73.5495



50.8472, 29.4320, 97.6085



15.5583, 14.0678, 14.8197



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.



48.4513, 29.8617, 22.2792



44.8649, 24.9804, 14.0192



51.8534, 39.6011, 14.3643



18.1660, 18.0497, 19.4914



21.9372, 11.2642, 3.0537



2.1736, 1.1118, 0.4958

Inverse Universe

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



48.4513, 29.8617, 22.2792



44.8649, 24.9804, 14.0192



44.7192, 54.4412, 102.7587



18.1660, 18.0497, 19.4914



21.9372, 11.2642, 3.0537



2.1736, 1.1118, 0.4958

Previews

White Background



This preview shows how the XYZ color 48.4505, 29.8600, 22.2787 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4505, 29.8600, 22.2787 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4505, 29.8600, 22.2787

Background



This preview shows how black text looks on a background with the XYZ color 48.4505, 29.8600, 22.2787.



This preview shows how white text looks on a background with the XYZ color 48.4505, 29.8600,

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

48.4505, 29.8600, 22.2787

Protanopia

29.0003, 29.9969, 34.8334

Deuteranopia

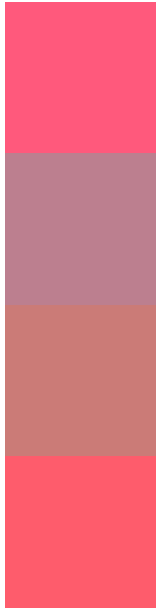
30.4304, 29.9045, 20.6913



Tritanopia

47.1279, 29.9771, 15.1066

Trichromacy



Original Color

48.4505, 29.8600, 22.2787

Protanomaly

33.2863, 27.8533, 29.6084

Deuteranomaly

35.0413, 28.1943, 21.0479

Tritanomaly

47.4070, 29.8078, 17.4422

Monochromacy



Original Color

48.4505, 29.8600, 22.2787

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

31.2941, 26.1338, 26.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4505, 29.8600, 22.2787 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(255, 89, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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(255, 89, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 124) }
```

Border

The CSS property to change the border of an element to XYZ 48.4505, 29.8600, 22.2787 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(255, 89, 124) }
```


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

```
.border{ border-color:rgb(255, 89, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4505, 29.8600, 22.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 124) }
```

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

```
.background{ background-color: rgb(255, 89,  
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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