

Converting Colors

XYZ(46.2811, 28.7833, 20.3266)

Have a look what the booklet for
XYZ(46.2811, 28.7833, 20.3266)
contains.

XYZ(46.2667, 28.7768, 20.2555)	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(46.2667, 28.7768,
20.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5976
RGB	250, 89, 118
RGB Percent	98%, 35%, 46%
CMY	0.0196, 0.6509, 0.5373
CMYK	0.00, 0.64, 0.53, 0.02
HSL	349°, 94%, 66%
HSV	349°, 64%, 98%
XYZ	46.2667, 28.7768, 20.2555
YIQ	140.4450, 86.6470, 43.1510

Conversions

Conversions Part 2

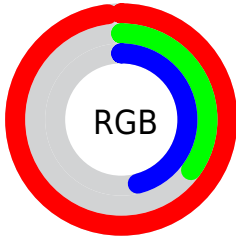
Format	Color
R _Y B	250, 89, 118
Decimal	16406902
CIE Lab	60.58, 63.22, 17.87
CIE LCh	61, 65.694, 15.785
Yxy	28.7768, 0.4855, 0.3020
Android (android.graphics.Color)	4294596982 (0xFFFA5976)
YUV	140.4450, -11.0654, 96.0797
Hunter-Lab	53.6440, 60.0750, 15.1634

Details

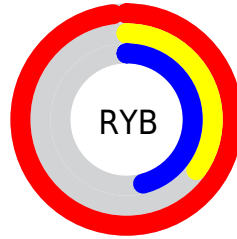
The XYZ color **46.2667, 28.7768, 20.2555** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **51.3586, 75.7161, 80.3208**, and the grayscale version is **25.1200, 26.4282, 28.7804**.

A 20% lighter version of the original color is **58.7746, 44.7200, 43.5643**, and **22.0947, 11.6339, 6.8754** is the 20% darker color. If you saturate the color by 10%, you get **43.4393, 24.8643, 13.9423**, and if you desaturate by 10%, it is **50.0663, 34.2103, 28.1990**.

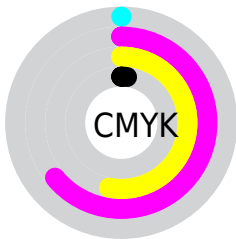
Distribution



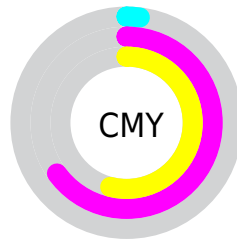
- Red (98%)
- Green (35%)
- Blue (46%)



- Red (98%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2667, 28.7768, 20.2555 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 46.2667, 28.7768, 20.2555 by changing the saturation by 10% instead.


 46.2667, 28.7768,
20.2555

 46.2667, 28.7768,
20.2555

362.5778,
296.1604, 265.9448

 32.6618, 18.9120,
12.3950


 83.8434, 57.7223,
44.7097


 22.0255, 11.6067,
6.8875


 108.5460, 77.5718,
62.1405

 13.9924, 6.4765,
3.3145


 137.6785,
101.5183, 83.5985

 8.1970, 3.1369,
1.2574

 171.6063,
129.9463, 109.5021

 4.2741, 1.2036,
0.0265

210.6948,
163.2401, 140.2701

 1.8584, 0.0647,
0.0000

255.3093,

 0.5525, 0.0000,

201.7841, 176.3208

0.0000

305.8152,
245.9627, 218.0729

■ 0.0000, 0.0000,
0.0000

■ 46.2667, 28.7768,
20.2555

■ 46.2667, 28.7768,
20.2555

■ 43.4393, 24.8643,
13.9423

■ 50.0663, 34.2103,
28.1990

■ 41.4897, 22.3115,
9.1418

■ 54.9160, 41.2952,
37.8758

■ 40.3076, 20.9287,
5.7219

■ 60.8883, 50.1532,
49.3821

■ 39.8981, 20.5135,
4.3412

■ 68.0484, 60.8933,
62.8063

■ 76.4567, 73.6155,
78.2311

86.1691, 88.4130,
95.7343

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



46.4312, 28.7768, 44.2777



46.2667, 28.7768, 20.2555



40.3926, 28.7768, 8.3459

Triad

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



46.2667, 28.7768, 20.2555



17.2377, 28.7768, 8.7265



23.5342, 28.7768, 102.0472

Complementary

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



46.2667, 28.7768, 20.2555



51.3586, 75.7161, 80.3208

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.



17.4712, 28.7768, 78.2249



46.2667, 28.7768, 20.2555



14.3793, 28.7768, 21.1946

Square

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



46.2667, 28.7768, 20.2555



23.1456, 28.7768, 4.4372



14.4548, 28.7768, 45.8540



32.0383, 28.7768, 101.3206

Rectangle

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



46.2667, 28.7768, 20.2555



34.6110, 28.7768, 5.1072



14.4548, 28.7768, 45.8540



21.1855, 28.7768, 96.2650

Sweetspot

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



46.2674, 28.7784, 20.2560



75.7450, 70.5883, 74.1079



50.4906, 29.3400, 93.4440



15.6823, 14.3071, 14.8872



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.



46.2674, 28.7784, 20.2560



44.8068, 25.1604, 13.0864



50.6044, 39.7987, 14.4683



17.3722, 17.2762, 18.5498



21.2004, 10.8959, 2.4976



1.9973, 1.0227, 0.4094

Inverse Universe

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



46.2674, 28.7784, 20.2560



44.8068, 25.1604, 13.0864



41.8040, 49.8823, 97.8669



17.3722, 17.2762, 18.5498



21.2004, 10.8959, 2.4976



1.9973, 1.0227, 0.4094

Previews

White Background



This preview shows how the XYZ color 46.2667, 28.7768, 20.2555 looks on a white background.

Color Contrast Check

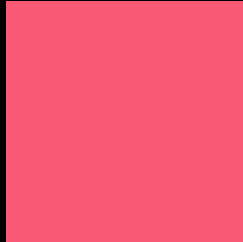
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2667, 28.7768, 20.2555 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 46.2667, 28.7768, 20.2555

Background



This preview shows how black text looks on a background with the XYZ color 46.2667, 28.7768, 20.2555.



This preview shows how white text looks on a background with the XYZ color 46.2667, 28.7768,

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

46.2667, 28.7768, 20.2555

Protanopia

27.8616, 29.0227, 31.3276

Deuteranopia

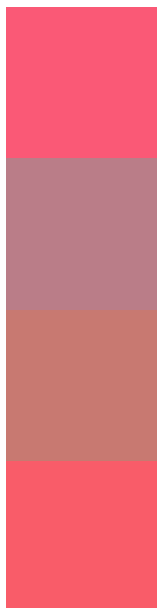
29.2058, 28.6526, 18.7430



Tritanopia

45.1859, 28.8503, 14.7424

Trichromacy



Original Color

46.2667, 28.7768, 20.2555

Protanomaly

32.0272, 26.8839, 26.7936

Deuteranomaly

33.6374, 27.1464, 19.0897

Tritanomaly

45.4439, 28.8140, 16.5311

Monochromacy



Original Color

46.2667, 28.7768, 20.2555

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.8246, 25.0440, 25.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2667, 28.7768, 20.2555 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(250, 89, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 89, 118)  
}
```

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(250, 89, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 89, 118) }
```

Border

The CSS property to change the border of an element to XYZ 46.2667, 28.7768, 20.2555 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(250, 89, 118) }
```


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

```
.border{ border-color:rgb(250, 89, 118) }
```

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

Here you see how a box with a 4 pixel rgb(250, 89, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 89, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 89, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 89,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2667, 28.7768, 20.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 89, 118) }
```

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

```
.background{ background-color: rgb(250, 89,  
118) }
```

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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