

Converting Colors

XYZ(46.7307, 28.8248, 17.8526)

Have a look what the booklet for
XYZ(46.7307, 28.8248, 17.8526)
contains.

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Color

**XYZ(46.7307, 28.8248,
17.8526)**

Conversions

Conversions Part 1

Format	Color
Hex	FD576E
RGB	253, 87, 110
RGB Percent	99%, 34%, 43%
CMY	0.0078, 0.6588, 0.5686
CMYK	0.00, 0.66, 0.57, 0.01
HSL	352°, 98%, 67%
HSV	352°, 66%, 99%
XYZ	46.7307, 28.8248, 17.8526
YIQ	139.2560, 91.5530, 42.3450

Conversions

Conversions Part 2

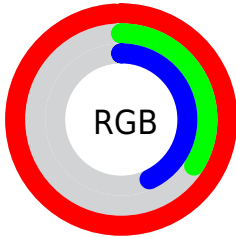
Format	Color
RYB	253, 87, 110
Decimal	16602990
CIELab	60.63, 64.34, 22.65
CIElCh	61, 68.214, 19.393
Yxy	28.8248, 0.5003, 0.3086
Android (android.graphics.Color)	4294793070 (0xFFFD576E)
YUV	139.2560, -14.4232, 99.7535
Hunter-Lab	53.6887, 61.4112, 17.8670

Details

The XYZ color **46.7307, 28.8248, 17.8526** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **53.3408, 77.9907, 87.1121**, and the grayscale version is **24.6698, 25.9546, 28.2645**.

A 20% lighter version of the original color is **57.7984, 44.0840, 39.1810**, and **22.2894, 11.6201, 5.7707** is the 20% darker color. If you saturate the color by 10%, you get **43.9847, 25.0044, 11.7851**, and if you desaturate by 10%, it is **50.4873, 34.1999, 25.6971**.

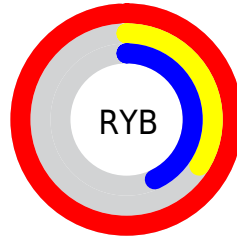
Distribution



Red (99%)

Green (34%)

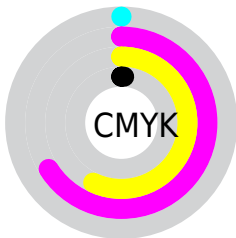
Blue (43%)



Red (99%)

Yellow (34%)

Blue (43%)

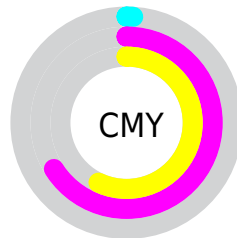


Cyan (0%)

Magenta (66%)

Yellow (57%)

Black (1%)



Cyan (1%)


Magenta (66%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7307, 28.8248, 17.8526 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 46.7307, 28.8248, 17.8526 by changing the saturation by 10% instead.


 46.7307, 28.8248,
17.8526

 46.7307, 28.8248,
17.8526


364.4055,
296.3874, 252.2471

 33.0299, 18.9483,
10.6759


 84.5327, 57.7986,
40.5965


 22.3087, 11.6329,
5.7379


 109.3646, 77.6647,
57.0008

 14.2018, 6.4943,
2.6202


 138.6375,
101.6295, 77.3181

 8.3438, 3.1479,
0.9028

 172.7168,
130.0774, 101.9667

 4.3693, 1.2094,
0.0000

211.9680,
163.3927, 131.3655

 1.9131, 0.0694,
0.0000

256.7562,

 0.5845, 0.0000,

201.9599, 165.9327

0.0000

307.4469,
246.1633, 206.0871

■ 0.0000, 0.0000,
0.0000

■ 46.7307, 28.8248,
17.8526

■ 46.7307, 28.8248,
17.8526

■ 43.9847, 25.0044,
11.7851

■ 50.4873, 34.1999,
25.6971

■ 42.1467, 22.5675,
7.3523

■ 55.3393, 41.2674,
35.4428


■ 41.0951, 21.3110,
4.3912

■ 61.3652, 50.1555,
47.2042

■ 40.8119, 21.0042,
3.4965

■ 68.6351, 60.9785,
61.0864

■ 77.2141, 73.8415,
77.1869

 87.1624, 88.8418,
95.5975

94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



47.6980, 28.8248, 41.2118



46.7307, 28.8248, 17.8526



39.9973, 28.8248, 7.0546

Triad

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



46.7307, 28.8248, 17.8526



16.4251, 28.8248, 9.1858



24.3897, 28.8248, 107.5216

Complementary

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



46.7307, 28.8248, 17.8526



53.3408, 77.9907, 87.1121

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.



17.7673, 28.8248, 84.6503



46.7307, 28.8248, 17.8526



13.8702, 28.8248, 23.2599

Square

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



46.7307, 28.8248, 17.8526



22.1385, 28.8248, 4.2365



14.3021, 28.8248, 50.4527



33.4287, 28.8248, 103.2008

Rectangle

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



46.7307, 28.8248, 17.8526



33.8164, 28.8248, 4.3300



14.3021, 28.8248, 50.4527



21.8464, 28.8248, 102.4232

Sweetspot

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



46.7314, 28.8264, 17.8531



74.5987, 69.1521, 71.0858



53.1656, 30.4204, 95.9978



15.4483, 14.0237, 14.2401



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.



46.7314, 28.8264, 17.8531



44.0405, 24.4575, 10.2733



52.3703, 41.8542, 14.3375



18.1118, 18.0280, 19.2060



21.7408, 11.1856, 2.0194



2.1465, 1.1010, 0.3529

Inverse Universe

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



46.7314, 28.8264, 17.8531



44.0405, 24.4575, 10.2733



41.1545, 48.1055, 100.0444



18.1118, 18.0280, 19.2060



21.7408, 11.1856, 2.0194



2.1465, 1.1010, 0.3529

Previews

White Background



This preview shows how the XYZ color 46.7307, 28.8248, 17.8526 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 46.7307, 28.8248, 17.8526 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 46.7307, 28.8248, 17.8526

Background



This preview shows how black text looks on a background with the XYZ color 46.7307, 28.8248, 17.8526.



This preview shows how white text looks on a background with the XYZ color 46.7307, 28.8248,

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

46.7307, 28.8248, 17.8526

Protanopia

27.6288, 28.9721, 28.1807

Deuteranopia

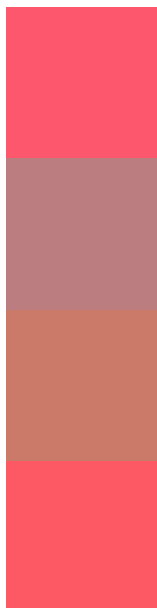
29.4556, 28.8294, 16.5825



Tritanopia

45.8666, 28.8340, 13.9746

Trichromacy



Original Color

46.7307, 28.8248, 17.8526

Protanomaly

31.9689, 26.9171, 23.9326

Deuteranomaly

34.0158, 27.3912, 16.8588

Tritanomaly

46.0175, 28.7603, 15.1825

Monochromacy



Original Color

46.7307, 28.8248, 17.8526

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.4351, 24.6948, 23.6372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7307, 28.8248, 17.8526 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(253, 87, 110)` looks like.

```
.text, #text, p{  
    color:rgb(253, 87, 110)  
}
```

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(253, 87, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 87, 110) }
```

Border

The CSS property to change the border of an element to XYZ 46.7307, 28.8248, 17.8526 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(253, 87, 110) }
```


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

```
.border{ border-color:rgb(253, 87, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 87, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 87, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 87, 110);  
box-shadow:4px 4px 4px 4px rgb(253, 87,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7307, 28.8248, 17.8526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 87, 110) }
```

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

```
.background{ background-color: rgb(253, 87,  
110) }
```

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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