

Converting Colors

XYZ(46.0017, 26.2790, 17.4087)

Have a look what the booklet for
XYZ(46.0017, 26.2790, 17.4087)
contains.

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Color

**XYZ(46.0027, 26.2822,
17.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	FF426E
RGB	255, 66, 110
RGB Percent	100%, 26%, 43%
CMY	0.0000, 0.7411, 0.5686
CMYK	0.00, 0.74, 0.57, 0.00
HSL	346°, 100%, 63%
HSV	346°, 74%, 100%
XYZ	46.0027, 26.2822, 17.4002
YIQ	127.5270, 98.5200, 53.7520

Conversions

Conversions Part 2

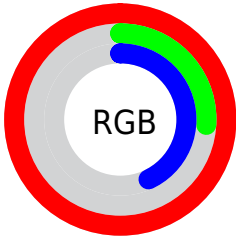
Format	Color
R_{YB}	255, 66, 110
Decimal	16728686
CIE _{Lab}	58.30, 72.30, 19.58
CIE _{LCh}	58, 74.899, 15.152
Yxy	26.2822, 0.5129, 0.2930
Android (android.graphics.Color)	4294918766 (0xFFFF426E)
YUV	127.5270, -8.6408, 111.7938
Hunter-Lab	51.2662, 70.4577, 15.7628

Details

The XYZ color **46.0027, 26.2822, 17.4002** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **49.7670, 77.3822, 73.9496**, and the grayscale version is **20.3611, 21.4215, 23.3280**.

A 20% lighter version of the original color is **55.3922, 39.2716, 38.3789**, and **22.3831, 11.4352, 5.7301** is the 20% darker color. If you saturate the color by 10%, you get **43.8801, 23.5580, 12.0048**, and if you desaturate by 10%, it is **49.0251, 30.4302, 24.2561**.

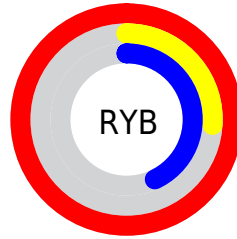
Distribution



Red (100%)

Green (26%)

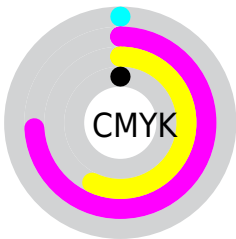
Blue (43%)



Red (100%)

Yellow (26%)

Blue (43%)

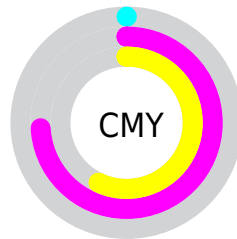


Cyan (0%)

Magenta (74%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0027, 26.2822, 17.4002 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 46.0027, 26.2822, 17.4002 by changing the saturation by 10% instead.


 46.0027, 26.2822,
17.4002


 46.0027, 26.2822,
17.4002


361.5353,
284.1646, 249.5897


 32.4526, 17.0349,
10.3553


 83.4509, 53.7299,
39.8126


 21.8646, 10.2594,
5.5265


 108.0796, 72.6990,
56.0172


 13.8735, 5.5713,
2.4953


 137.1320, 95.6775,
76.1121

 8.1139, 2.5862,
0.8376

 170.9733,
123.0498, 100.5158

 4.2203, 0.9197,
0.0000

 209.9690,
155.2002, 129.6468

 1.8275, 0.0000,
0.0000

254.4843,

 0.5342, 0.0000,

192.5133, 163.9238

0.0000

304.8846,
235.3733, 203.7653

■ 0.0000, 0.0000,
0.0000

■ 46.0027, 26.2822,
17.4002

■ 46.0027, 26.2822,
17.4002

■ 43.8801, 23.5580,
12.0048

■ 49.0251, 30.4302,
24.2561

■ 42.5440, 22.0552,
7.9543


■ 53.0379, 36.1597,
32.6724


■ 42.0384, 21.5793,
6.1352

■ 58.1222, 43.6122,
42.7407

■ 64.3501, 52.9122,
54.5453

■ 71.7871, 64.1726,
68.1643

 80.4937, 77.4975,
83.6710

 90.5266, 92.9832,
101.1347

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



46.0389, 26.2822, 43.5020



46.0027, 26.2822, 17.4002



39.4905, 26.2822, 5.7437

Triad

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



46.0027, 26.2822, 17.4002



14.5013, 26.2822, 5.8086



20.7532, 26.2822, 109.7158

Complementary

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



46.0027, 26.2822, 17.4002



49.7670, 77.3822, 73.9496

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.



14.5472, 26.2822, 80.9905



46.0027, 26.2822, 17.4002



11.5808, 26.2822, 17.5856

Square

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



46.0027, 26.2822, 17.4002



20.6738, 26.2822, 2.3666



11.5952, 26.2822, 43.8432



29.8471, 26.2822, 109.5470

Rectangle

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



46.0027, 26.2822, 17.4002



33.0923, 26.2822, 2.9612



11.5952, 26.2822, 43.8432



18.3160, 26.2822, 102.5989

Sweetspot

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



46.0033, 26.2837, 17.4006



73.5187, 66.8122, 71.2804



46.8351, 24.9525, 96.9552



15.2625, 13.5789, 14.4040



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.



46.0033, 26.2837, 17.4006



43.1369, 22.6851, 9.8647



48.5163, 34.2389, 9.2080



18.1826, 18.0563, 19.5786



22.0131, 11.2945, 3.4537



2.1832, 1.1157, 0.5462

Inverse Universe

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



46.0033, 26.2837, 17.4006



43.1369, 22.6851, 9.8647



42.0342, 51.8518, 102.4003



18.1826, 18.0563, 19.5786



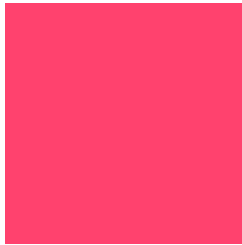
22.0131, 11.2945, 3.4537



2.1832, 1.1157, 0.5462

Previews

White Background



This preview shows how the XYZ color 46.0027, 26.2822, 17.4002 looks on a white background.

Color Contrast Check

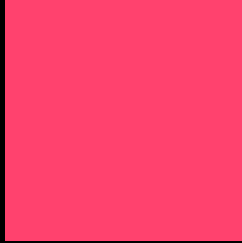
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0027, 26.2822, 17.4002 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 46.0027, 26.2822, 17.4002

Background



This preview shows how black text looks on a background with the XYZ color 46.0027, 26.2822, 17.4002.



This preview shows how white text looks on a background with the XYZ color 46.0027, 26.2822,

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

46.0027, 26.2822, 17.4002

Protanopia

25.5509, 26.4942, 30.9613

Deuteranopia

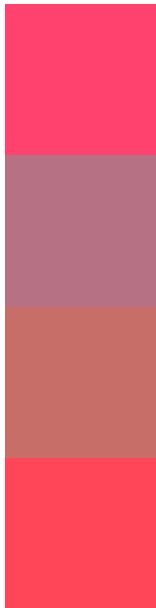
26.9493, 26.4830, 16.0033



Tritanopia

44.1951, 26.1695, 9.5594

Trichromacy



Original Color

46.0027, 26.2822, 17.4002

Protanomaly

29.4302, 23.4488, 25.1652

Deuteranomaly

31.6278, 24.2935, 16.1188

Tritanomaly

44.8247, 26.1557, 11.9186

Monochromacy



Original Color

46.0027, 26.2822, 17.4002

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.9583, 20.4823, 20.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0027, 26.2822, 17.4002 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, 66, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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(255, 66, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 110) }
```

Border

The CSS property to change the border of an element to XYZ 46.0027, 26.2822, 17.4002 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, 66, 110) }
```


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

```
.border{ border-color:rgb(255, 66, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0027, 26.2822, 17.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 110) }
```

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

```
.background{ background-color: rgb(255, 66,  
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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