

Converting Colors

XYZ(47.3400, 26.3164, 25.9860)

Have a look what the booklet for
XYZ(47.3400, 26.3164, 25.9860)
contains.

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Color

**XYZ(47.2998, 26.2693,
25.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3C88
RGB	255, 60, 136
RGB Percent	100%, 24%, 53%
CMY	0.0000, 0.7646, 0.4667
CMYK	0.00, 0.76, 0.47, 0.00
HSL	337°, 100%, 62%
HSV	337°, 76%, 100%
XYZ	47.2998, 26.2693, 25.8701
YIQ	126.9690, 91.8240, 64.9760

Conversions

Conversions Part 2

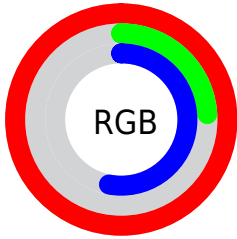
Format	Color
RYB	255, 60, 136
Decimal	16727176
CIELab	58.29, 76.00, 4.22
CIELCh	58, 76.120, 3.175
Yxy	26.2693, 0.4757, 0.2642
Android (android.graphics.Color)	4294917256 (0xFFFF3C88)
YUV	126.9690, 4.4523, 112.2832
Hunter-Lab	51.2536, 75.0364, 5.9511

Details

The XYZ color **47.2998, 26.2693, 25.8701** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **45.7624, 75.7362, 54.8618**, and the grayscale version is **20.1275, 21.1757, 23.0603**.

A 20% lighter version of the original color is **57.6330, 39.3494, 52.7017**, and **23.4585, 11.8946, 10.0763** is the 20% darker color. If you saturate the color by 10%, you get **45.2436, 23.8004, 20.1183**, and if you desaturate by 10%, it is **50.1608, 30.0910, 32.6829**.

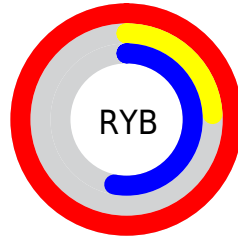
Distribution



Red (100%)

Green (24%)

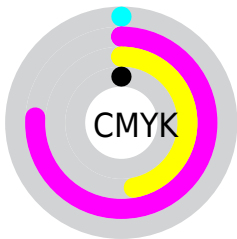
Blue (53%)



Red (100%)

Yellow (24%)

Blue (53%)

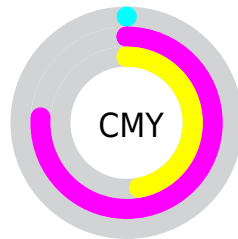


Cyan (0%)

Magenta (76%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2998, 26.2693, 25.8701 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 47.2998, 26.2693, 25.8701 by changing the saturation by 10% instead.


 47.2998, 26.2693,
25.8701

 47.2998, 26.2693,
25.8701


366.6389,
284.1016, 295.7290


 33.4817, 17.0252,
16.5016


 85.3770, 53.7091,
54.0468


 22.6567, 10.2525,
9.7216


 110.3667, 72.6736,
73.6921


 14.4595, 5.5667,
5.1116


 139.8111, 95.6470,
97.6001

 8.5248, 2.5834,
2.2530

 174.0753,
123.0137, 126.1893

 4.4871, 0.9183,
0.7047

 213.5249,
155.1581, 159.8782

 1.9813, 0.0000,
0.0000

258.5251,

 0.6234, 0.0000,

192.4646, 199.0855

0.0000

309.4413,
235.3176, 244.2295

■ 0.0000, 0.0000,
0.0000

■ 47.2998, 26.2693,
25.8701

■ 47.2998, 26.2693,
25.8701

■ 45.2436, 23.8004,
20.1183

■ 50.1608, 30.0910,
32.6829

■ 43.8811, 22.4730,
15.3560

■ 53.9126, 35.4267,
40.6167

■ 43.5099, 22.1680,
13.8839

■ 58.6316, 42.4195,
49.7275

■ 64.3848, 51.1946,
60.0661

■ 71.2334, 61.8649,
71.6803

■ 79.2333, 74.5340,
84.6149

■ 88.4366, 89.2979,
98.9124

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.



44.4667, 26.2693, 58.3370



47.2998, 26.2693, 25.8701



43.0333, 26.2693, 8.7893

Triad

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



47.2998, 26.2693, 25.8701



16.4373, 26.2693, 3.6312



17.7643, 26.2693, 102.5086

Complementary

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



47.2998, 26.2693, 25.8701



45.7624, 75.7362, 54.8618

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.



12.8335, 26.2693, 66.5644



47.2998, 26.2693, 25.8701



12.2110, 26.2693, 11.2107

Square

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



47.2998, 26.2693, 25.8701



23.9948, 26.2693, 1.9232



11.0757, 26.2693, 31.5215



25.9675, 26.2693, 115.7050

Rectangle

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



47.2998, 26.2693, 25.8701



37.2330, 26.2693, 4.1223



11.0757, 26.2693, 31.5215



15.7444, 26.2693, 91.9187

Sweetspot

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



47.3005, 26.2708, 25.8705



73.8723, 66.0233, 76.0104



37.7994, 19.8010, 96.4372



15.2235, 13.2048, 15.3038



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.



47.3005, 26.2708, 25.8705



44.4121, 22.9405, 17.3650



44.8890, 27.2526, 7.1714



18.3024, 18.1043, 20.2098



22.8028, 11.6104, 7.6118



2.2719, 1.1511, 1.0133

Inverse Universe

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



47.3005, 26.2708, 25.8705



44.4121, 22.9405, 17.3650



49.7664, 67.8852, 105.0877



18.3024, 18.1043, 20.2098



22.8028, 11.6104, 7.6118



2.2719, 1.1511, 1.0133

Previews

White Background



This preview shows how the XYZ color 47.2998, 26.2693, 25.8701 looks on a white background.

Color Contrast Check

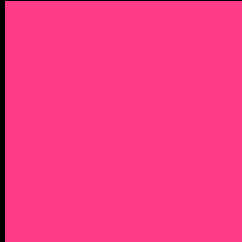
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2998, 26.2693, 25.8701 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 47.2998, 26.2693, 25.8701

Background



This preview shows how black text looks on a background with the XYZ color 47.2998, 26.2693, 25.8701.



This preview shows how white text looks on a background with the XYZ color 47.2998, 26.2693,

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

47.2998, 26.2693, 25.8701

Protanopia

26.7294, 26.5098, 47.9641

Deuteranopia

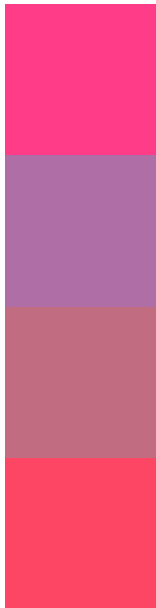
26.7928, 26.2312, 23.7297



Tritanopia

44.0722, 26.2921, 10.1492

Trichromacy



Original Color

47.2998, 26.2693, 25.8701

Protanomaly

30.0467, 22.9824, 38.4497

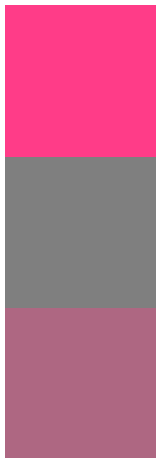
Deuteranomaly

31.6400, 23.8062, 24.0465

Tritanomaly

44.9984, 26.1831, 14.7387

Monochromacy



Original Color

47.2998, 26.2693, 25.8701

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

26.3351, 20.3109, 23.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2998, 26.2693, 25.8701 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, 60, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 60, 136)  
}
```

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, 60, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.2998, 26.2693, 25.8701 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, 60, 136) }
```


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

```
.border{ border-color:rgb(255, 60, 136) }
```

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

Here you see how a box with a 4 pixel rgb(255, 60, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2998, 26.2693, 25.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 136) }
```

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

```
.background{ background-color: rgb(255, 60,  
136) }
```

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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