

Converting Colors

XYZ(47.0794, 25.8676, 25.6764)

Have a look what the booklet for
XYZ(47.0794, 25.8676, 25.6764)
contains.

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Color

**XYZ(47.0981, 25.8659,
25.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3888
RGB	255, 56, 136
RGB Percent	100%, 22%, 53%
CMY	0.0000, 0.7803, 0.4667
CMYK	0.00, 0.78, 0.47, 0.00
HSL	336°, 100%, 61%
HSV	336°, 78%, 100%
XYZ	47.0981, 25.8659, 25.8028
YIQ	124.6210, 92.9240, 67.0680

Conversions

Conversions Part 2

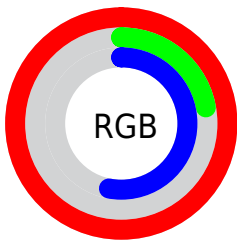
Format	Color
R_{YB}	255, 56, 136
Decimal	16726152
CIE _{Lab}	57.91, 77.09, 3.66
CIE _{LCh}	58, 77.174, 2.722
Yxy	25.8659, 0.4769, 0.2619
Android (android.graphics.Color)	4294916232 (0xFFFF3888)
YUV	124.6210, 5.6098, 114.3424
Hunter-Lab	50.8585, 76.2995, 5.5205

Details

The XYZ color **47.0981, 25.8659, 25.8028** 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 **45.1310, 75.4568, 52.7510**, and the grayscale version is **19.3280, 20.3345, 22.1443**.

A 20% lighter version of the original color is **57.3848, 38.8532, 52.6190**, and **23.4585, 11.8946, 10.0763** is the 20% darker color. If you saturate the color by 10%, you get **45.1532, 23.5892, 20.1824**, and if you desaturate by 10%, it is **49.8270, 29.4642, 32.4458**.

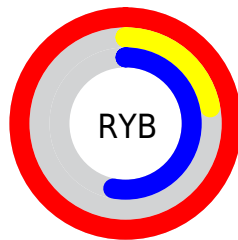
Distribution



Red (100%)

Green (22%)

Blue (53%)



Red (100%)

Yellow (22%)

Blue (53%)

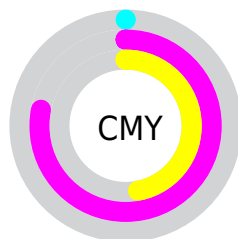


Cyan (0%)

Magenta (78%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0981, 25.8659, 25.8028 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 47.0981, 25.8659, 25.8028 by changing the saturation by 10% instead.


 47.0981, 25.8659,
25.8028


 47.0981, 25.8659,
25.8028


365.8483,
282.1232, 295.3873


 33.3215, 16.7233,
16.4517


 85.0779, 53.0585,
53.9368


 22.5333, 10.0374,
9.6866


 110.0118, 71.8774,
73.5568


 14.3680, 5.4238,
5.0888


 139.3955, 94.6905,
97.4369

 8.4605, 2.4980,
2.2398

 173.5943,
121.8822, 125.9956

 4.4453, 0.8756,
0.6972

 212.9737,
153.8369, 159.6515

 1.9570, 0.0000,
0.0000

257.8989,

 0.6096, 0.0000,

190.9391, 198.8230

0.0000

308.7353,
233.5730, 243.9288

■ 0.0000, 0.0000,
0.0000

■ 47.0981, 25.8659,
25.8028

■ 47.0981, 25.8659,
25.8028

■ 45.1532, 23.5892,
20.1824

■ 49.8270, 29.4642,
32.4458

■ 43.8700, 22.3991,
15.5112

■ 53.4281, 34.5501,
40.1702

■ 43.6631, 22.2292,
14.6905

■ 57.9789, 41.2697,
49.0306

■ 63.5474, 49.7501,
59.0766

■ 70.1951, 60.1060,
70.3545

■ 77.9783, 72.4421,
82.9078

■ 86.9495, 86.8554,
96.7777

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



44.1291, 25.8659, 58.7262



47.0981, 25.8659, 25.8028



42.8877, 25.8659, 8.5705

Triad

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



47.0981, 25.8659, 25.8028



16.1362, 25.8659, 3.3234



17.2717, 25.8659, 102.5143

Complementary

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



47.0981, 25.8659, 25.8028



45.1310, 75.4568, 52.7510

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.



12.4087, 25.8659, 65.8670



47.0981, 25.8659, 25.8028



11.8786, 25.8659, 10.6192

Square

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



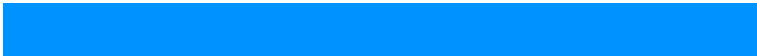
47.0981, 25.8659, 25.8028



23.7460, 25.8659, 1.7366



10.7083, 25.8659, 30.6641



25.4430, 25.8659, 116.4286

Rectangle

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



47.0981, 25.8659, 25.8028



37.0718, 25.8659, 3.9169



10.7083, 25.8659, 30.6641



15.2733, 25.8659, 91.6513

Sweetspot

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



47.0988, 25.8674, 25.8032



73.9673, 66.0613, 76.5109



36.4978, 18.8306, 96.3185



15.2462, 13.2139, 15.4236



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.



47.0988, 25.8674, 25.8032



44.3203, 22.7723, 17.2872



44.3103, 26.2580, 6.4763



18.3119, 18.1081, 20.2596



22.8840, 11.6429, 8.0394



2.2804, 1.1545, 1.0581

Inverse Universe

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



47.0988, 25.8674, 25.8032



44.3203, 22.7723, 17.2872



50.3780, 69.4538, 105.3582



18.3119, 18.1081, 20.2596



22.8840, 11.6429, 8.0394



2.2804, 1.1545, 1.0581

Previews

White Background



This preview shows how the XYZ color 47.0981, 25.8659, 25.8028 looks on a white background.

Color Contrast Check

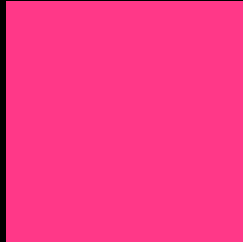
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0981, 25.8659, 25.8028 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 47.0981, 25.8659, 25.8028

Background



This preview shows how black text looks on a background with the XYZ color 47.0981, 25.8659, 25.8028.



This preview shows how white text looks on a background with the XYZ color 47.0981, 25.8659,

25.8028.

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

47.0981, 25.8659, 25.8028

Protanopia

26.3881, 26.1079, 48.4483

Deuteranopia

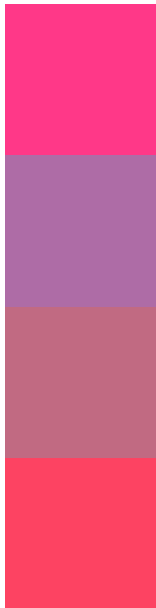
26.3915, 25.8257, 23.3325



Tritanopia

43.8319, 25.9823, 9.5424

Trichromacy



Original Color

47.0981, 25.8659, 25.8028

Protanomaly

29.7011, 22.4770, 38.8495

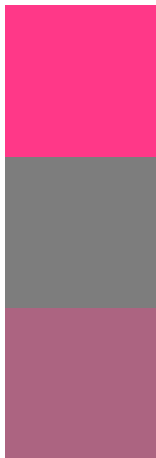
Deuteranomaly

31.1756, 23.2572, 23.9651

Tritanomaly

44.7198, 25.7788, 14.1741

Monochromacy



Original Color

47.0981, 25.8659, 25.8028

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

25.5329, 19.4700, 23.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0981, 25.8659, 25.8028 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, 56, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 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, 56, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.0981, 25.8659, 25.8028 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, 56, 136) }
```


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

```
.border{ border-color:rgb(255, 56, 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, 56, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0981, 25.8659, 25.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 136) }
```

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

```
.background{ background-color: rgb(255, 56,  
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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