

Converting Colors

XYZ(47.9721, 27.8656, 25.3186)

Have a look what the booklet for
XYZ(47.9721, 27.8656, 25.3186)
contains.

XYZ(47.9919, 27.8788, 25.4059)	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(47.9919, 27.8788,
25.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A86
RGB	255, 74, 134
RGB Percent	100%, 29%, 53%
CMY	0.0000, 0.7098, 0.4745
CMYK	0.00, 0.71, 0.47, 0.00
HSL	340°, 100%, 65%
HSV	340°, 71%, 100%
XYZ	47.9919, 27.8788, 25.4059
YIQ	134.9590, 88.6160, 57.0320

Conversions

Conversions Part 2

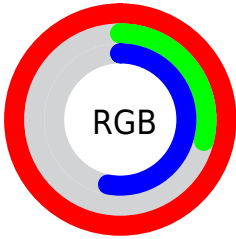
Format	Color
RYB	255, 74, 134
Decimal	16730758
CIELab	59.78, 71.52, 7.53
CIELCh	60, 71.911, 6.008
Yxy	27.8788, 0.4739, 0.2753
Android (android.graphics.Color)	4294920838 (0xFFFF4A86)
YUV	134.9590, -0.4728, 105.2760
Hunter-Lab	52.8004, 69.8435, 8.4318

Details

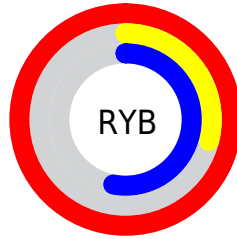
The XYZ color **47.9919, 27.8788, 25.4059** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **48.4365, 76.9169, 63.9301**, and the grayscale version is **22.9944, 24.1919, 26.3449**.

A 20% lighter version of the original color is **58.8736, 42.1758, 52.0515**, and **23.3779, 11.8623, 9.6518** is the 20% darker color. If you saturate the color by 10%, you get **45.5260, 24.6992, 19.1829**, and if you desaturate by 10%, it is **51.3403, 32.5169, 32.8692**.

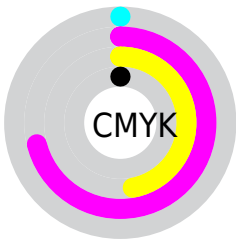
Distribution



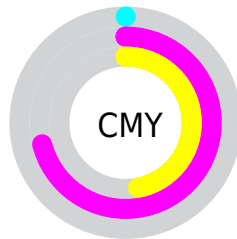
- Red (100%)
- Green (29%)
- Blue (53%)



- Red (100%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (71%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9919, 27.8788, 25.4059 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 47.9919, 27.8788, 25.4059 by changing the saturation by 10% instead.


 47.9919, 27.8788,
25.4059


 47.9919, 27.8788,
25.4059

369.3431,
291.8873, 293.3655


 34.0317, 18.2343,
16.1580


 86.4021, 56.2909,
53.2872


 23.0810, 11.1183,
9.4804


 111.5828, 75.8273,
72.7577

 14.7743, 6.1465,
4.9548


 141.2344, 99.4298,
96.4727

 8.7464, 2.9344,
2.1625

 175.7223,
127.4827, 124.8508

 4.6319, 1.0976,
0.6526

215.4117,
160.3706, 158.3107

 2.0655, 0.0000,
0.0000

260.6681,

 0.6703, 0.0000,

198.4777, 197.2707

0.0000

311.8568,
242.1885, 242.1494

■ 0.0000, 0.0000,
0.0000

■ 47.9919, 27.8788,
25.4059

■ 47.9919, 27.8788,
25.4059

■ 45.5260, 24.6992,
19.1829

■ 51.3403, 32.5169,
32.8692

■ 43.8422, 22.7915,
14.1208


■ 55.6519, 38.7610,
41.6413


■ 42.8606, 21.9082,
10.4643

■ 61.0004, 46.7453,
51.7866

■ 67.4511, 56.5887,
63.3643

■ 75.0640, 68.3995,
76.4300

 83.8946, 82.2775,
91.0362

 93.9946, 98.3160,
107.2327

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.



45.9186, 27.8788, 55.6370



47.9919, 27.8788, 25.4059



43.3263, 27.8788, 9.3951

Triad

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



47.9919, 27.8788, 25.4059



17.4834, 27.8788, 5.1828



19.9998, 27.8788, 103.0317

Complementary

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



47.9919, 27.8788, 25.4059



48.4365, 76.9169, 63.9301

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.



14.7123, 27.8788, 70.3844



47.9919, 27.8788, 25.4059



13.5093, 27.8788, 14.1957

Square

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



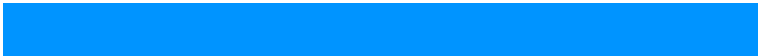
47.9919, 27.8788, 25.4059



24.7082, 27.8788, 2.8149



12.6256, 27.8788, 35.9090



28.3722, 27.8788, 112.4648

Rectangle

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



47.9919, 27.8788, 25.4059



37.5363, 27.8788, 4.8778



12.6256, 27.8788, 35.9090



17.8683, 27.8788, 93.7604

Sweetspot

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



47.9926, 27.8804, 25.4064



75.0441, 68.3684, 76.3965



42.9202, 23.6774, 96.9157



15.5872, 13.8926, 15.5475



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.



47.9926, 27.8804, 25.4064



44.7606, 23.7901, 17.0109



47.4445, 31.6908, 10.0970



18.2577, 18.0864, 19.9739



22.4569, 11.4721, 5.7907



2.2347, 1.1363, 0.8173

Inverse Universe

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



47.9926, 27.8804, 25.4064



44.7606, 23.7901, 17.0109



47.7556, 62.4377, 104.1423



18.2577, 18.0864, 19.9739



22.4569, 11.4721, 5.7907



2.2347, 1.1363, 0.8173

Previews

White Background



This preview shows how the XYZ color 47.9919, 27.8788, 25.4059 looks on a white background.

Color Contrast Check

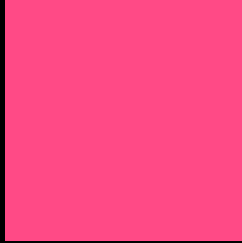
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9919, 27.8788, 25.4059 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 47.9919, 27.8788, 25.4059

Background



This preview shows how black text looks on a background with the XYZ color 47.9919, 27.8788, 25.4059.



This preview shows how white text looks on a background with the XYZ color 47.9919, 27.8788,

25.4059.

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

47.9919, 27.8788, 25.4059

Protanopia

27.8465, 28.0653, 43.4846

Deuteranopia

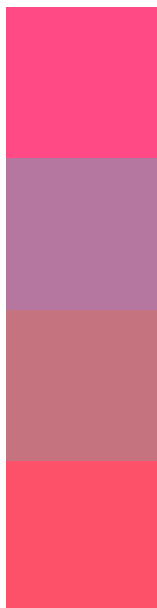
28.4513, 27.9452, 23.2965



Tritanopia

45.1184, 27.7574, 12.4309

Trichromacy



Original Color

47.9919, 27.8788, 25.4059

Protanomaly

31.7925, 25.2838, 36.0055

Deuteranomaly

33.3157, 25.8257, 23.6510

Tritanomaly

45.9265, 27.6399, 16.2790

Monochromacy



Original Color

47.9919, 27.8788, 25.4059

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

28.8687, 23.1432, 25.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9919, 27.8788, 25.4059 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, 74, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 134)  
}
```

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, 74, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 134) }
```

Border

The CSS property to change the border of an element to XYZ 47.9919, 27.8788, 25.4059 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, 74, 134) }
```


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

```
.border{ border-color:rgb(255, 74, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9919, 27.8788, 25.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 134) }
```

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

```
.background{ background-color: rgb(255, 74,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor