

Converting Colors

XYZ(47.4500, 27.2360, 23.8660)

Have a look what the booklet for
XYZ(47.4500, 27.2360, 23.8660)
contains.

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Color

**XYZ(47.4594, 27.2520,
23.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4682
RGB	255, 70, 130
RGB Percent	100%, 27%, 51%
CMY	0.0000, 0.7254, 0.4902
CMYK	0.00, 0.73, 0.49, 0.00
HSL	341°, 100%, 64%
HSV	341°, 73%, 100%
XYZ	47.4594, 27.2520, 23.8779
YIQ	132.1550, 91.0000, 57.8800

Conversions

Conversions Part 2

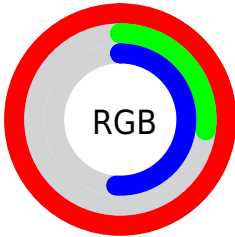
Format	Color
R _Y B	255, 70, 130
Decimal	16729730
CIE Lab	59.21, 72.50, 9.06
CIE LCh	59, 73.068, 7.122
Yxy	27.2520, 0.4814, 0.2764
Android (android.graphics.Color)	4294919810 (0xFFFF4682)
YUV	132.1550, -1.0624, 107.7351
Hunter-Lab	52.2034, 70.9226, 9.4231

Details

The XYZ color **47.4594, 27.2520, 23.8779** 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 **48.1382, 76.7630, 63.9163**, and the grayscale version is **21.9706, 23.1148, 25.1720**.

A 20% lighter version of the original color is **57.9035, 40.9115, 49.6446**, and **23.2234, 11.8005, 8.8383** is the 20% darker color. If you saturate the color by 10%, you get **45.1274, 24.2868, 17.8643**, and if you desaturate by 10%, it is **50.6630, 31.6509, 31.1380**.

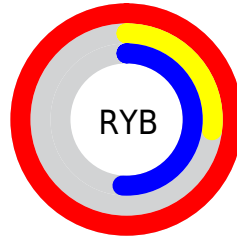
Distribution



Red (100%)

Green (27%)

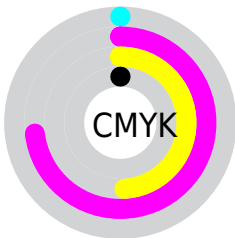
Blue (51%)



Red (100%)

Yellow (27%)

Blue (51%)

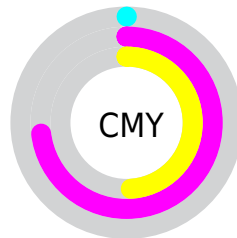


Cyan (0%)

Magenta (73%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4594, 27.2520, 23.8779 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 47.4594, 27.2520, 23.8779 by changing the saturation by 10% instead.


 47.4594, 27.2520,
23.8779


 47.4594, 27.2520,
23.8779


367.2637,
288.8752, 285.4693


 33.6084, 17.7626,
15.0317

 85.6135, 55.2880,
50.7722


 22.7544, 10.7797,
8.6948


 110.6474, 74.6033,
69.6574


 14.5320, 5.9189,
4.4486


 140.1397, 97.9628,
92.7260

 8.5757, 2.7958,
1.8745

 174.4556,
125.7507, 120.3966

 4.5204, 1.0261,
0.4764

 213.9606,
158.3515, 153.0877

 2.0005, 0.0000,
0.0000

259.0201,

 0.6343, 0.0000,

196.1496, 191.2178

0.0000

309.9993,
239.5294, 235.2055

■ 0.0000, 0.0000,
0.0000

■ 47.4594, 27.2520,
23.8779

■ 47.4594, 27.2520,
23.8779

■ 45.1274, 24.2868,
17.8643

■ 50.6630, 31.6509,
31.1380

■ 43.5631, 22.5622,
13.0143


■ 54.8214, 37.6348,
39.7160


■ 42.7893, 21.8797,
10.0893

■ 60.0097, 45.3408,
49.6786

■ 66.2947, 54.8897,
61.0871

■ 73.7373, 66.3914,
73.9990

 82.3939, 79.9472,
88.4684

 92.3171, 95.6511,
104.5467

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.



45.6229, 27.2520, 53.7586



47.4594, 27.2520, 23.8779



42.5284, 27.2520, 8.5276

Triad

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



47.4594, 27.2520, 23.8779



16.7043, 27.2520, 4.9554



19.6721, 27.2520, 104.0360

Complementary

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



47.4594, 27.2520, 23.8779



48.1382, 76.7630, 63.9163

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.



14.2960, 27.2520, 71.4092



47.4594, 27.2520, 23.8779



12.8841, 27.2520, 14.1315

Square

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



47.4594, 27.2520, 23.8779



23.7907, 27.2520, 2.5422



12.1196, 27.2520, 36.3367



28.1351, 27.2520, 112.4678

Rectangle

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



47.4594, 27.2520, 23.8779



36.6212, 27.2520, 4.3369



12.1196, 27.2520, 36.3367



17.5100, 27.2520, 94.8825

Sweetspot

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



47.4601, 27.2535, 23.8783



74.1768, 67.0754, 74.7459



42.3193, 22.9837, 96.8132



15.4159, 13.6403, 15.2119



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.



47.4601, 27.2535, 23.8783



44.3426, 23.3779, 15.5647



46.9843, 30.9793, 9.2997



18.2522, 18.0842, 19.9450



22.4188, 11.4568, 5.5899



2.2305, 1.1346, 0.7951

Inverse Universe

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



47.4601, 27.2535, 23.8783



44.3426, 23.3779, 15.5647



47.2776, 61.9244, 104.0682



18.2522, 18.0842, 19.9450



22.4188, 11.4568, 5.5899



2.2305, 1.1346, 0.7951

Previews

White Background



This preview shows how the XYZ color 47.4594, 27.2520, 23.8779 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 47.4594, 27.2520, 23.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

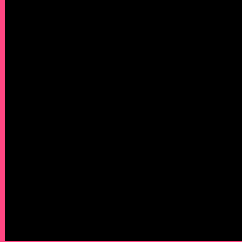
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4594, 27.2520, 23.8779

Background



This preview shows how black text looks on a background with the XYZ color 47.4594, 27.2520, 23.8779.



This preview shows how white text looks on a background with the XYZ color 47.4594, 27.2520,

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

47.4594, 27.2520, 23.8779

Protanopia

27.2452, 27.5666, 41.9151

Deuteranopia

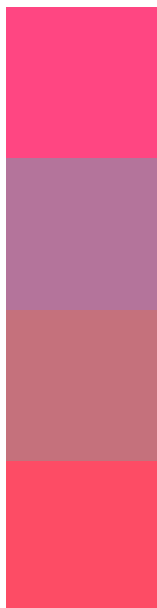
27.7067, 27.1643, 21.8721



Tritanopia

44.6532, 27.0886, 11.4695

Trichromacy



Original Color

47.4594, 27.2520, 23.8779

Protanomaly

30.9842, 24.5606, 34.1180

Deuteranomaly

32.5692, 25.1358, 22.2039

Tritanomaly

45.4414, 26.9911, 15.1267

Monochromacy



Original Color

47.4594, 27.2520, 23.8779

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.6968, 21.9231, 24.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4594, 27.2520, 23.8779 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, 70, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 130)  
}
```

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, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.4594, 27.2520, 23.8779 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, 70, 130) }
```


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

```
.border{ border-color:rgb(255, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4594, 27.2520, 23.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 130) }
```

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

```
.background{ background-color: rgb(255, 70,  
130) }
```

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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