

Converting Colors

XYZ(48.4025, 28.0390, 27.5810)

Have a look what the booklet for
XYZ(48.4025, 28.0390, 27.5810)
contains.

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Color

**XYZ(48.4224, 28.0510,
27.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A8C
RGB	255, 74, 140
RGB Percent	100%, 29%, 55%
CMY	0.0000, 0.7098, 0.4510
CMYK	0.00, 0.71, 0.45, 0.00
HSL	338°, 100%, 65%
HSV	338°, 71%, 100%
XYZ	48.4224, 28.0510, 27.6732
YIQ	135.6430, 86.6900, 58.8980

Conversions

Conversions Part 2

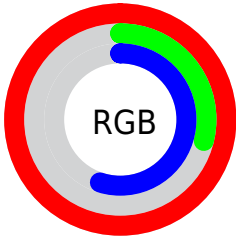
Format	Color
R _Y B	255, 74, 140
Decimal	16730764
CIE Lab	59.93, 72.03, 4.24
CIE LCh	60, 72.156, 3.365
Yxy	28.0510, 0.4649, 0.2693
Android (android.graphics.Color)	4294920844 (0xFFFF4A8C)
YUV	135.6430, 2.1480, 104.6761
Hunter-Lab	52.9632, 70.5107, 6.0953

Details

The XYZ color **48.4224, 28.0510, 27.6732** 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 **47.7714, 76.6508, 60.4277**, and the grayscale version is **23.2397, 24.4499, 26.6260**.

A 20% lighter version of the original color is **59.5296, 42.4382, 55.5059**, and **23.8378, 12.0756, 10.7473** is the 20% darker color. If you saturate the color by 10%, you get **45.9432, 24.8661, 21.3800**, and if you desaturate by 10%, it is **51.7684, 32.6881, 35.1237**.

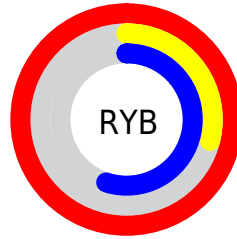
Distribution



Red (100%)

Green (29%)

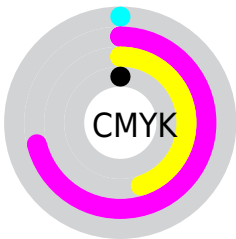
Blue (55%)



Red (100%)

Yellow (29%)

Blue (55%)

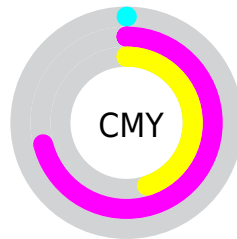


Cyan (0%)

Magenta (71%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4224, 28.0510, 27.6732 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 48.4224, 28.0510, 27.6732 by changing the saturation by 10% instead.


 48.4224, 28.0510,
27.6732


 48.4224, 28.0510,
27.6732


371.0188,
292.7105, 304.7647


 34.3742, 18.3641,
17.8426


 87.0389, 56.5659,
56.9791

 23.3454, 11.2117,
10.6687


 112.3378, 76.1626,
77.2914

 14.9709, 6.2094,
5.7332


 142.1177, 99.8314,
101.9347

 8.8851, 2.9728,
2.6174

 176.7439,
127.9567, 131.3275

 4.7228, 1.1176,
0.9014

216.5817,
160.9229, 165.8884

 2.1187, 0.0000,
0.0000

261.9966,

 0.6993, 0.0000,

199.1143, 206.0358

0.0000

313.3538,
242.9154, 252.1884

■ 0.0000, 0.0000,
0.0000

■ 48.4224, 28.0510,
27.6732

■ 48.4224, 28.0510,
27.6732

■ 45.9432, 24.8661,
21.3800

■ 51.7684, 32.6881,
35.1237

■ 44.2318, 22.9473,
16.1727

■ 56.0605, 38.9244,
43.7928

■ 43.2145, 22.0498,
12.3282

■ 61.3710, 46.8935,
53.7383

■ 67.7642, 56.7139,
65.0134

■ 75.2990, 68.4934,
77.6680

■ 84.0299, 82.3316,
91.7493

■ 94.0077, 98.3212,
107.3019

■ 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.



45.7336, 28.0510, 59.2361



48.4224, 28.0510, 27.6732



44.2664, 28.0510, 10.3371

Triad

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



48.4224, 28.0510, 27.6732



18.0922, 28.0510, 4.8014



19.5122, 28.0510, 101.5745

Complementary

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



48.4224, 28.0510, 27.6732



47.7714, 76.6508, 60.4277

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.



14.4799, 28.0510, 67.5855



48.4224, 28.0510, 27.6732



13.8018, 28.0510, 13.0366

Square

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



48.4224, 28.0510, 27.6732



25.6399, 28.0510, 2.7797



12.6487, 28.0510, 33.6042



27.7102, 28.0510, 113.7787

Rectangle

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



48.4224, 28.0510, 27.6732



38.6283, 28.0510, 5.2990



12.6487, 28.0510, 33.6042



17.4632, 28.0510, 91.6311

Sweetspot

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



48.4231, 28.0526, 27.6737



75.2794, 68.4625, 77.6357



41.3960, 22.8917, 96.8442



15.6426, 13.9147, 15.8394



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.



48.4231, 28.0526, 27.6737



45.1684, 23.9532, 19.1581



46.8575, 30.5168, 9.9013



18.2831, 18.0966, 20.1079



22.6458, 11.5476, 6.7852



2.2552, 1.1445, 0.9255

Inverse Universe

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



48.4231, 28.0526, 27.6737



45.1684, 23.9532, 19.1581



49.4139, 65.7543, 104.6950



18.2831, 18.0966, 20.1079



22.6458, 11.5476, 6.7852



2.2552, 1.1445, 0.9255

Previews

White Background



This preview shows how the XYZ color 48.4224, 28.0510, 27.6732 looks on a white background.

Color Contrast Check

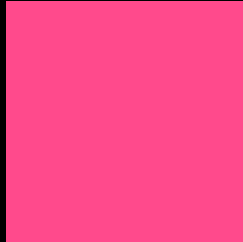
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4224, 28.0510, 27.6732 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 48.4224, 28.0510, 27.6732

Background



This preview shows how black text looks on a background with the XYZ color 48.4224, 28.0510, 27.6732.



This preview shows how white text looks on a background with the XYZ color 48.4224, 28.0510,

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

48.4224, 28.0510, 27.6732

Protanopia

28.3163, 28.2154, 47.6697

Deuteranopia

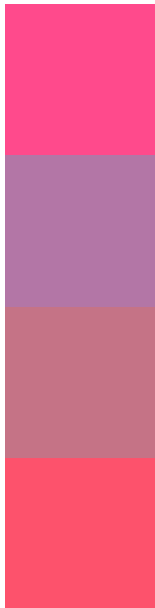
28.6392, 27.9964, 25.3671



Tritanopia

45.3181, 28.0892, 12.7061

Trichromacy



Original Color

48.4224, 28.0510, 27.6732

Protanomaly

31.9518, 25.2937, 39.2745

Deuteranomaly

33.4598, 25.8530, 25.7809

Tritanomaly

46.2321, 27.9999, 17.1552

Monochromacy



Original Color

48.4224, 28.0510, 27.6732

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

29.0109, 23.2001, 26.6159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4224, 28.0510, 27.6732 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 140) }
```

Border

The CSS property to change the border of an element to XYZ 48.4224, 28.0510, 27.6732 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, 140) }
```


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

```
.border{ border-color:rgb(255, 74, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4224, 28.0510, 27.6732 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, 140) }
```

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

```
.background{ background-color: rgb(255, 74,  
140) }
```

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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