

Converting Colors

XYZ(47.4918, 27.2311, 24.1529)

Have a look what the booklet for
XYZ(47.4918, 27.2311, 24.1529)
contains.

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Color

**XYZ(47.5269, 27.2790,
24.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4683
RGB	255, 70, 131
RGB Percent	100%, 27%, 51%
CMY	0.0000, 0.7254, 0.4863
CMYK	0.00, 0.73, 0.49, 0.00
HSL	340°, 100%, 64%
HSV	340°, 73%, 100%
XYZ	47.5269, 27.2790, 24.2332
YIQ	132.2690, 90.6790, 58.1910

Conversions

Conversions Part 2

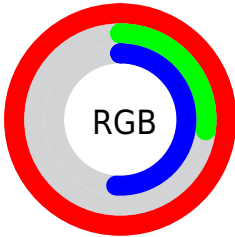
Format	Color
R_{YB}	255, 70, 131
Decimal	16729731
CIE Lab	59.23, 72.59, 8.51
CIE LCh	59, 73.082, 6.684
Yxy	27.2790, 0.4799, 0.2754
Android (android.graphics.Color)	4294919811 (0xFFFF4683)
YUV	132.2690, -0.6256, 107.6351
Hunter-Lab	52.2293, 71.0277, 9.0513

Details

The XYZ color **47.5269, 27.2790, 24.2332** 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 **48.0255, 76.7179, 63.3226**, and the grayscale version is **22.0103, 23.1565, 25.2175**.

A 20% lighter version of the original color is **58.0080, 40.9533, 50.1948**, and **23.2612, 11.8157, 9.0373** is the 20% darker color. If you saturate the color by 10%, you get **45.1918, 24.3125, 18.2030**, and if you desaturate by 10%, it is **50.7311, 31.6781, 31.4965**.

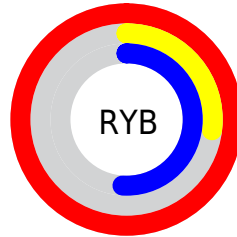
Distribution



Red (100%)

Green (27%)

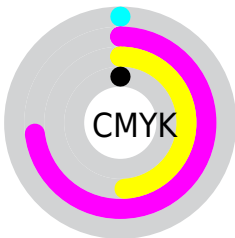
Blue (51%)



Red (100%)

Yellow (27%)

Blue (51%)

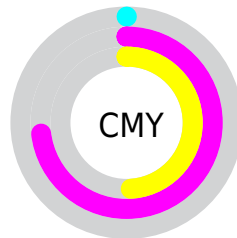


Cyan (0%)

Magenta (73%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5269, 27.2790, 24.2332 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 47.5269, 27.2790, 24.2332 by changing the saturation by 10% instead.


 47.5269, 27.2790,
24.2332


 47.5269, 27.2790,
24.2332


367.5277,
289.0055, 287.3218


 33.6621, 17.7829,
15.2929


 85.7136, 55.3312,
51.3591


 22.7958, 10.7942,
8.8763


 110.7661, 74.6562,
70.3817


 14.5626, 5.9286,
4.5649


 140.2786, 98.0261,
93.6023

 8.5973, 2.8017,
1.9401

 174.6164,
125.8255, 121.4392

 4.5345, 1.0291,
0.5181

 214.1448,
158.4388, 154.3111

 2.0087, 0.0000,
0.0000

259.2293,

 0.6389, 0.0000,

196.2502, 192.6364

0.0000

310.2351,
239.6443, 236.8338

■ 0.0000, 0.0000,
0.0000

■ 47.5269, 27.2790,
24.2332

■ 47.5269, 27.2790,
24.2332

■ 45.1918, 24.3125,
18.2030

■ 50.7311, 31.6781,
31.4965

■ 43.6220, 22.5857,
13.3244

■ 54.8873, 37.6611,
40.0628

■ 42.8429, 21.9011,
10.3712

■ 60.0704, 45.3650,
49.9978

■ 66.3469, 54.9106,
61.3617

■ 73.7776, 66.4075,
74.2110

 82.4188, 79.9571,
88.5989

 92.3227, 95.6533,
104.5758

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.



45.5882, 27.2790, 54.3338



47.5269, 27.2790, 24.2332



42.6798, 27.2790, 8.6721

Triad

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



47.5269, 27.2790, 24.2332



16.8020, 27.2790, 4.8924



19.5900, 27.2790, 103.7775

Complementary

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



47.5269, 27.2790, 24.2332



48.0255, 76.7179, 63.3226

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.



14.2575, 27.2790, 70.9231



47.5269, 27.2790, 24.2332



12.9313, 27.2790, 13.9331

Square

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



47.5269, 27.2790, 24.2332



23.9404, 27.2790, 2.5371



12.1234, 27.2790, 35.9377



28.0224, 27.2790, 112.6745

Rectangle

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



47.5269, 27.2790, 24.2332



36.7974, 27.2790, 4.4012



12.1234, 27.2790, 35.9377



17.4421, 27.2790, 94.5100

Sweetspot

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



47.5276, 27.2805, 24.2336



74.2163, 67.0912, 74.9539



42.3193, 22.9837, 96.8133



15.4251, 13.6440, 15.2605



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.



47.5276, 27.2805, 24.2336



44.4047, 23.4027, 15.8920



46.9843, 30.9794, 9.2997



18.2563, 18.0858, 19.9668



22.4475, 11.4683, 5.7409



2.2337, 1.1358, 0.8118

Inverse Universe

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



47.5276, 27.2805, 24.2336



44.4047, 23.4027, 15.8920



47.2776, 61.9245, 104.0683



18.2563, 18.0858, 19.9668



22.4475, 11.4683, 5.7409



2.2337, 1.1358, 0.8118

Previews

White Background



This preview shows how the XYZ color 47.5269, 27.2790, 24.2332 looks on a white background.

Color Contrast Check

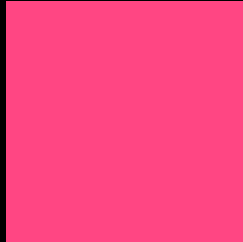
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5269, 27.2790, 24.2332 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 47.5269, 27.2790, 24.2332

Background



This preview shows how black text looks on a background with the XYZ color 47.5269, 27.2790, 24.2332.

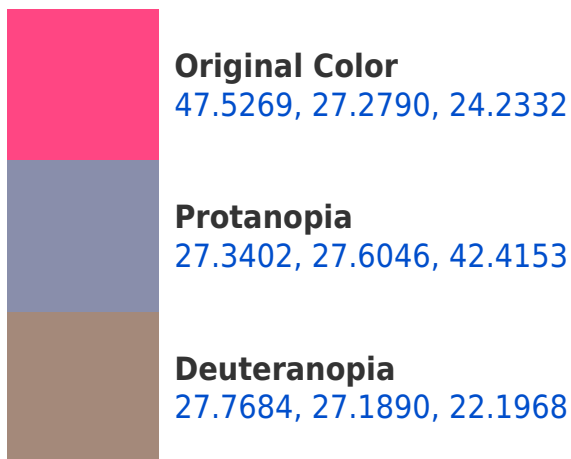


This preview shows how white text looks on a background with the XYZ color 47.5269, 27.2790,

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

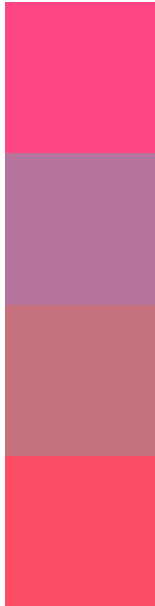




Tritanopia

44.7270, 27.2362, 11.4941

Trichromacy



Original Color

47.5269, 27.2790, 24.2332

Protanomaly

31.0685, 24.5944, 34.5622

Deuteranomaly

32.6328, 25.1612, 22.5387

Tritanomaly

45.5602, 27.1497, 15.4095

Monochromacy



Original Color

47.5269, 27.2790, 24.2332

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.7650, 21.9503, 24.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5269, 27.2790, 24.2332 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 131) }
```

Border

The CSS property to change the border of an element to XYZ 47.5269, 27.2790, 24.2332 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, 131) }
```


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

```
.border{ border-color:rgb(255, 70, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5269, 27.2790, 24.2332 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, 131) }
```

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

```
.background{ background-color: rgb(255, 70,  
131) }
```

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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