

Converting Colors

XYZ(48.2186, 28.8310, 23.9438)

Have a look what the booklet for
XYZ(48.2186, 28.8310, 23.9438)
contains.

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Color

**XYZ(48.2197, 28.8796,
23.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5281
RGB	255, 82, 129
RGB Percent	100%, 32%, 51%
CMY	0.0000, 0.6784, 0.4941
CMYK	0.00, 0.68, 0.49, 0.00
HSL	344°, 100%, 66%
HSV	344°, 68%, 100%
XYZ	48.2197, 28.8796, 23.8017
YIQ	139.0850, 88.0210, 51.2930

Conversions

Conversions Part 2

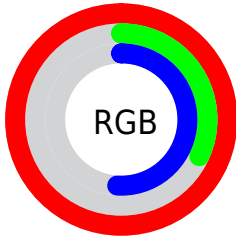
Format	Color
R_{YB}	255, 82, 129
Decimal	16732801
CIE Lab	60.68, 68.28, 11.72
CIE LCh	61, 69.281, 9.739
Yxy	28.8796, 0.4779, 0.2862
Android (android.graphics.Color)	4294922881 (0xFFFF5281)
YUV	139.0850, -4.9719, 101.6575
Hunter-Lab	53.7397, 66.1203, 11.3579

Details

The XYZ color **48.2197, 28.8796, 23.8017** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50.6270, 77.8686, 72.0431**, and the grayscale version is **24.5698, 25.8494, 28.1499**.

A 20% lighter version of the original color is **59.2084, 43.6872, 49.5678**, and **23.1862, 11.7857, 8.6422** is the 20% darker color. If you saturate the color by 10%, you get **45.5167, 25.2732, 17.3533**, and if you desaturate by 10%, it is **51.8626, 34.0069, 31.6710**.

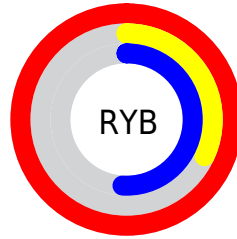
Distribution



Red (100%)

Green (32%)

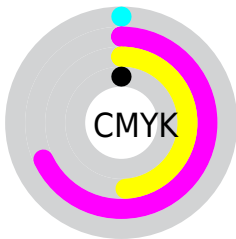
Blue (51%)



Red (100%)

Yellow (32%)

Blue (51%)

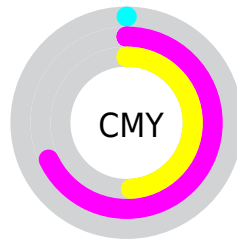


Cyan (0%)

Magenta (68%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2197, 28.8796, 23.8017 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 48.2197, 28.8796, 23.8017 by changing the saturation by 10% instead.


 48.2197, 28.8796,
23.8017


 48.2197, 28.8796,
23.8017

370.2304,
296.6465, 285.0706


 34.2129, 18.9898,
14.9757


 86.7391, 57.8857,
50.6462


 23.2208, 11.6629,
8.6559


 111.9825, 77.7708,
69.5018

 14.8783, 6.5146,
4.4237


 141.7020,
101.7565, 92.5377

 8.8197, 3.1604,
1.8606

 176.2631,
130.2270, 120.1724

 4.6800, 1.2160,
0.4675

216.0312,
163.5669, 152.8246

 2.0935, 0.0748,
0.0000

261.3715,

 0.6857, 0.0000,

202.1605, 190.9126

0.0000

312.6495,
246.3922, 234.8551

■ 0.0000, 0.0000,
0.0000

■ 48.2197, 28.8796,
23.8017

■ 48.2197, 28.8796,
23.8017

■ 45.5167, 25.2732,
17.3533

■ 51.8626, 34.0069,
31.6710

■ 43.6555, 23.0106,
12.2323

■ 56.5253, 40.7967,
41.0426

■ 42.5115, 21.8643,
8.3318

■ 62.2816, 49.3794,
51.9930

■ 42.3222, 21.6929,
7.6301

■ 69.1972, 59.8714,
64.5930

■ 77.3329, 72.3789,
78.9087

86.7451, 87.0005,
95.0025

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



47.0366, 28.8796, 51.8602



48.2197, 28.8796, 23.8017



42.9779, 28.8796, 9.2461

Triad

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



48.2197, 28.8796, 23.8017



17.8265, 28.8796, 6.6912



21.8948, 28.8796, 104.3615

Complementary

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



48.2197, 28.8796, 23.8017



50.6270, 77.8686, 72.0431

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.



16.1999, 28.8796, 74.8208



48.2197, 28.8796, 23.8017



14.2310, 28.8796, 17.2438

Square

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



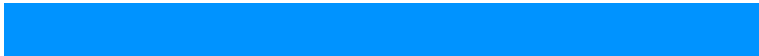
48.2197, 28.8796, 23.8017



24.6315, 28.8796, 3.5539



13.7088, 28.8796, 40.5709



30.4740, 28.8796, 109.6701

Rectangle

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



48.2197, 28.8796, 23.8017



37.0997, 28.8796, 5.1563



13.7088, 28.8796, 40.5709



19.6367, 28.8796, 96.3912

Sweetspot

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



48.2204, 28.8812, 23.8022



75.4685, 69.5000, 75.6662



46.5178, 26.3761, 97.2466



15.6532, 14.1057, 15.3194



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.



48.2204, 28.8812, 23.8022



44.8425, 24.4217, 15.5955



49.4188, 35.1804, 12.1708



18.2120, 18.0681, 19.7337



22.1675, 11.3563, 4.2665



2.2018, 1.1231, 0.6441

Inverse Universe

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



48.2204, 28.8812, 23.8022



44.8425, 24.4217, 15.5955



46.4774, 58.9079, 103.5280



18.2120, 18.0681, 19.7337



22.1675, 11.3563, 4.2665



2.2018, 1.1231, 0.6441

Previews

White Background



This preview shows how the XYZ color 48.2197, 28.8796, 23.8017 looks on a white background.

Color Contrast Check

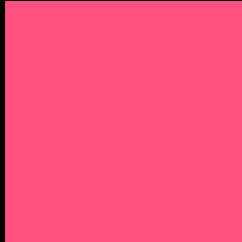
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2197, 28.8796, 23.8017 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 48.2197, 28.8796, 23.8017

Background



This preview shows how black text looks on a background with the XYZ color 48.2197, 28.8796, 23.8017.



This preview shows how white text looks on a background with the XYZ color 48.2197, 28.8796,

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

48.2197, 28.8796, 23.8017

Protanopia

28.3913, 29.1314, 38.7769

Deuteranopia

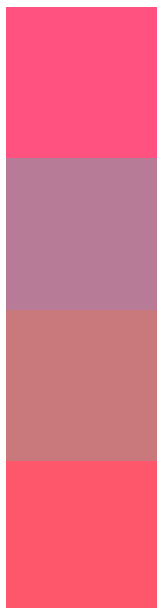
29.5536, 28.9763, 22.1245



Tritanopia

46.1008, 28.8356, 13.7257

Trichromacy



Original Color

48.2197, 28.8796, 23.8017

Protanomaly

32.4360, 26.5906, 32.7011

Deuteranomaly

34.4420, 27.3057, 22.5240

Tritanomaly

46.8547, 28.7879, 16.9970

Monochromacy



Original Color

48.2197, 28.8796, 23.8017

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.9077, 24.5299, 26.0801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2197, 28.8796, 23.8017 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, 82, 129)` looks like.

```
.text, #text, p{  
  color:rgb(255, 82, 129)  
}
```

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, 82, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 129) }
```

Border

The CSS property to change the border of an element to XYZ 48.2197, 28.8796, 23.8017 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, 82, 129) }
```


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

```
.border{ border-color:rgb(255, 82, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 82, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 82, 129); box-shadow:4px 4px 4px 4px rgb(255, 82, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2197, 28.8796, 23.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 129) }
```

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

```
.background{ background-color: rgb(255, 82,  
129) }
```

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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