

Converting Colors

XYZ(48.0983, 28.3616, 45.4101)

Have a look what the booklet for
XYZ(48.0983, 28.3616, 45.4101)
contains.

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Color

**XYZ(48.1161, 28.3439,
45.5828)**

Conversions

Conversions Part 1

Format	Color
Hex	F352B3
RGB	243, 82, 179
RGB Percent	95%, 32%, 70%
CMY	0.0471, 0.6784, 0.2980
CMYK	0.00, 0.66, 0.26, 0.05
HSL	324°, 87%, 64%
HSV	324°, 66%, 95%
XYZ	48.1161, 28.3439, 45.5828
YIQ	141.1970, 64.8190, 64.2990

Conversions

Conversions Part 2

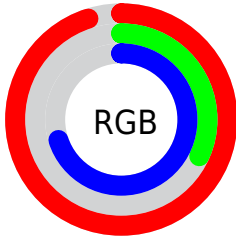
Format	Color
R _Y B	243, 82, 179
Decimal	15946419
CIE Lab	60.20, 70.05, -18.24
CIE LCh	60, 72.388, 345.406
Yxy	28.3439, 0.3943, 0.2322
Android (android.graphics.Color)	4294136499 (0xFFFF352B3)
YUV	141.1970, 18.6369, 89.2812
Hunter-Lab	53.2390, 68.1557, -13.4963

Details

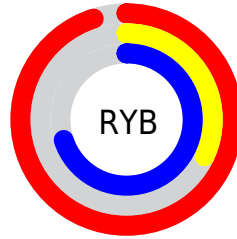
The XYZ color **48.1161, 28.3439, 45.5828** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **40.7201, 67.9712, 38.1712**, and the grayscale version is **25.3075, 26.6254, 28.9951**.

A 20% lighter version of the original color is **65.7603, 46.3079, 84.0696**, and **23.2943, 11.5736, 20.7449** is the 20% darker color. If you saturate the color by 10%, you get **45.6541, 24.9290, 40.1095**, and if you desaturate by 10%, it is **51.2967, 33.0860, 51.6339**.

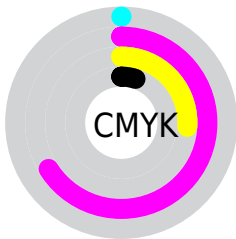
Distribution



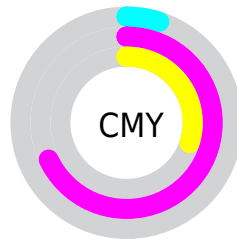
- Red (95%)
- Green (32%)
- Blue (70%)



- Red (95%)
- Yellow (32%)
- Blue (70%)



- Cyan (0%)
- Magenta (66%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1161, 28.3439, 45.5828 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 48.1161, 28.3439, 45.5828 by changing the saturation by 10% instead.


 48.1161, 28.3439,
45.5828


 48.1161, 28.3439,
45.5828


369.8271,
294.1066, 385.3576


 34.1305, 18.5851,
31.5704


 86.5859, 57.0330,
84.9220


 23.1572, 11.3708,
20.7715


 111.8008, 76.7321,
111.0859

 14.8310, 6.3168,
12.7675


 141.4894,
100.5134, 142.1373

 8.7864, 3.0387,
7.1398

 176.0172,
128.7612, 178.4950

 4.6581, 1.1520,
3.4699

215.7496,
161.8601, 220.5773

 2.0808, 0.0219,
1.3393

261.0517,

 0.6787, 0.0000,

200.1943, 268.8028

0.0937

312.2891,
244.1484, 323.5900

■ 0.0000, 0.0000,
0.0000

■ 48.1161, 28.3439,
45.5828

■ 48.1161, 28.3439,
45.5828

■ 45.6541, 24.9290,
40.1095

■ 51.2967, 33.0860,
51.6339

■ 43.8348, 22.6922,
35.1810

■ 55.2562, 39.2745,
58.2887

■ 42.5678, 21.4551,
30.7604

■ 60.0513, 47.0203,
65.5730

■ 42.1817, 21.1425,
29.2149

■ 65.7322, 56.4220,
73.5097

■ 72.3453, 67.5701,
82.1205

79.9336, 80.5487,
91.4256

88.5370, 95.4361,
101.4443

90.7723, 97.7947,
108.6998

Harmonies

Analogous

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



41.7194, 28.3439, 82.3196



48.1161, 28.3439, 45.5828



48.0200, 28.3439, 19.1963

Triad

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



48.1161, 28.3439, 45.5828



22.4796, 28.3439, 3.1797



16.2694, 28.3439, 83.3068

Complementary

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



48.1161, 28.3439, 45.5828



40.7201, 67.9712, 38.1712

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.



13.1578, 28.3439, 46.4946



48.1161, 28.3439, 45.5828



16.1422, 28.3439, 7.1143

Square

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



48.1161, 28.3439, 45.5828



31.6821, 28.3439, 3.1387



13.1173, 28.3439, 19.7097



22.6964, 28.3439, 111.2332

Rectangle

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



48.1161, 28.3439, 45.5828



44.2229, 28.3439, 9.7369



13.1173, 28.3439, 19.7097



14.8734, 28.3439, 70.8569

Sweetspot

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



48.1170, 28.3454, 45.5833



77.7887, 70.4280, 87.8837



30.6488, 18.4113, 86.7326



16.2064, 14.3270, 18.2323



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.



48.1170, 28.3454, 45.5833



50.0543, 26.6799, 42.5064



42.3190, 26.0262, 15.0514



16.9184, 16.6502, 19.3169



23.2191, 11.6311, 16.3940



2.0913, 1.0425, 1.7073

Inverse Universe

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



48.1170, 28.3454, 45.5833



50.0543, 26.6799, 42.5064



49.0153, 71.2893, 81.8529



16.9184, 16.6502, 19.3169



23.2191, 11.6311, 16.3940



2.0913, 1.0425, 1.7073

Previews

White Background



This preview shows how the XYZ color 48.1161, 28.3439, 45.5828 looks on a white background.

Color Contrast Check

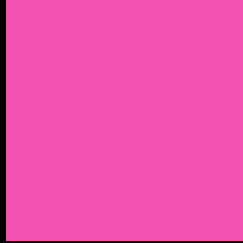
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1161, 28.3439, 45.5828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

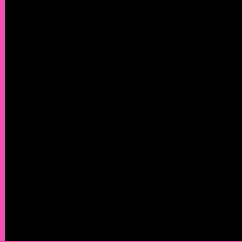
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.1161, 28.3439, 45.5828

Background



This preview shows how black text looks on a background with the XYZ color 48.1161, 28.3439, 45.5828.



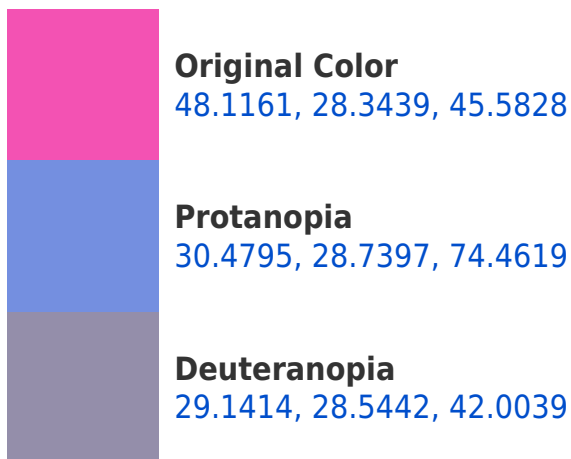
This preview shows how white text looks on a background with the XYZ color 48.1161, 28.3439,

45.5828.

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

42.2326, 28.3734, 17.1606

Trichromacy



Original Color

48.1161, 28.3439, 45.5828



Protanomaly

33.1228, 25.9102, 62.9299



Deuteranomaly

33.7877, 26.5174, 42.8727



Tritanomaly

43.8329, 28.0496, 25.2942

Monochromacy



Original Color

48.1161, 28.3439, 45.5828



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

30.9930, 25.2645, 34.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1161, 28.3439, 45.5828 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(243, 82, 179)` looks like.

```
.text, #text, p{  
    color:rgb(243, 82, 179)  
}
```

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(243, 82, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 82, 179) }
```

Border

The CSS property to change the border of an element to XYZ 48.1161, 28.3439, 45.5828 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(243, 82, 179) }
```


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

```
.border{ border-color:rgb(243, 82, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 82, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 82, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 82, 179);  
box-shadow:4px 4px 4px 4px rgb(243, 82,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1161, 28.3439, 45.5828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 82, 179) }
```

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

```
.background{ background-color: rgb(243, 82,  
179) }
```

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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