

Converting Colors

XYZ(48.1210, 29.1819, 39.6556)

Have a look what the booklet for
XYZ(48.1210, 29.1819, 39.6556)
contains.

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Color

**XYZ(48.1210, 29.1819,
39.6556)**

Conversions

Conversions Part 1	
Format	Color
Hex	F558A7
RGB	245, 88, 167
RGB Percent	96%, 35%, 65%
CMY	0.0392, 0.6549, 0.3451
CMYK	0.00, 0.64, 0.32, 0.04
HSL	330°, 89%, 65%
HSV	330°, 64%, 96%
XYZ	48.1210, 29.1819, 39.6556
YIQ	143.9490, 68.2130, 57.8530

Conversions

Conversions Part 2

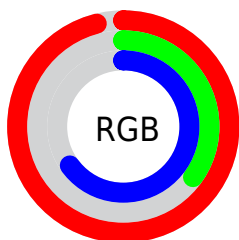
Format	Color
RYB	245, 88, 167
Decimal	16079015
CIELab	60.94, 66.86, -10.17
CIELCh	61, 67.630, 351.352
Yxy	29.1819, 0.4114, 0.2495
Android (android.graphics.Color)	4294269095 (0xFFFF558A7)
YUV	143.9490, 11.3641, 88.6217
Hunter-Lab	54.0203, 64.4715, -5.7098

Details

The XYZ color **48.1210, 29.1819, 39.6556** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **43.5615, 70.1337, 47.3216**, and the grayscale version is **26.4265, 27.8027, 30.2772**.

A 20% lighter version of the original color is **64.7037, 47.0917, 74.7866**, and **23.2729, 11.8937, 17.2888** is the 20% darker color. If you saturate the color by 10%, you get **45.3641, 25.3849, 33.4434**, and if you desaturate by 10%, it is **51.6610, 34.3751, 46.6519**.

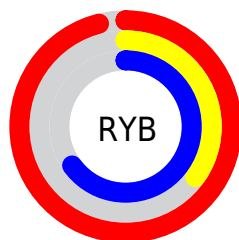
Distribution



Red (96%)

Green (35%)

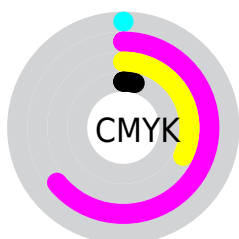
Blue (65%)



Red (96%)

Yellow (35%)

Blue (65%)

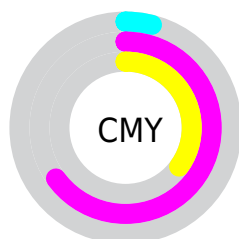


Cyan (0%)

Magenta (64%)

Yellow (32%)

Black (4%)



Cyan (4%)

Magenta (65%)


Yellow (35%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 48.1210, 29.1819, 39.6556 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 48.1210, 29.1819, 39.6556 by changing the saturation by 10% instead.


 48.1210, 29.1819,
39.6556


 48.1210, 29.1819,
39.6556


369.8462,
298.0722, 360.1787


 34.1344, 19.2185,
26.9584


 86.5931, 58.3660,
75.8701


 23.1602, 11.8282,
17.3098


 111.8094, 78.3554,
100.2245

 14.8332, 6.6268,
10.2913


 141.4995,
102.4556, 129.3017

 8.7880, 3.2298,
5.4844

 176.0289,
131.0510, 163.5203

 4.6591, 1.2529,
2.4705

215.7629,
164.5260, 203.2987

 2.0814, 0.1043,
0.8245

261.0669,


 0.6791, 0.0000,


203.2649, 249.0555


0.0000


312.3062,
247.6522, 301.2093


 0.0000, 0.0000,
0.0000


 48.1210, 29.1819,
39.6556


 48.1210, 29.1819,
39.6556


 45.3641, 25.3849,
33.4434

 51.6610, 34.3751,
46.6519


 43.3140, 22.8369,
27.9750


 56.0453, 41.0831,
54.4658

 41.8820, 21.3652,
23.2058


 61.3316, 49.4170,
63.1302


 41.2487, 20.8495,
20.6794

 67.5718, 59.4759,
72.6750

 74.8134, 71.3512,
83.1286

 83.1007, 85.1276,
94.5176

 91.0201, 97.9741,
106.3826

 91.4663, 98.1526,
108.7323

Harmonies

Analogous

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



43.2112, 29.1819, 72.8123



48.1210, 29.1819, 39.6556



46.7315, 29.1819, 17.1617

Triad

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



48.1210, 29.1819, 39.6556



22.0058, 29.1819, 4.6028



18.4316, 29.1819, 86.8439

Complementary

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



48.1210, 29.1819, 39.6556



43.5615, 70.1337, 47.3216

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.



14.7445, 29.1819, 52.9550



48.1210, 29.1819, 39.6556



16.4829, 29.1819, 10.0620

Square

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



48.1210, 29.1819, 39.6556



30.3670, 29.1819, 3.8770



14.1159, 29.1819, 25.0129



25.2625, 29.1819, 108.0993

Rectangle

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



48.1210, 29.1819, 39.6556



42.5232, 29.1819, 9.2677



14.1159, 29.1819, 25.0129



16.8494, 29.1819, 75.9085

Sweetspot

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



48.1218, 29.1834, 39.6561



77.8576, 71.4334, 85.2325



35.2586, 21.4540, 88.6692



16.1878, 14.5093, 17.5496



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.



48.1218, 29.1834, 39.6561



48.9099, 26.8016, 34.6934



43.0189, 27.1423, 12.7846



16.8470, 16.6216, 18.9407



22.2915, 11.2600, 11.5091



2.0111, 1.0104, 1.2848

Inverse Universe

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



48.1218, 29.1834, 39.6561



48.9099, 26.8016, 34.6934



52.7626, 73.8141, 95.7737



16.8470, 16.6216, 18.9407



22.2915, 11.2600, 11.5091



2.0111, 1.0104, 1.2848

Previews

White Background



This preview shows how the XYZ color 48.1210, 29.1819, 39.6556 looks on a white background.

Color Contrast Check

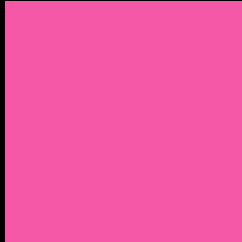
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1210, 29.1819, 39.6556 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 48.1210, 29.1819, 39.6556

Background



This preview shows how black text looks on a background with the XYZ color 48.1210, 29.1819, 39.6556.



This preview shows how white text looks on a background with the XYZ color 48.1210, 29.1819,

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

48.1210, 29.1819, 39.6556

Protanopia

30.3192, 29.3742, 62.4643

Deuteranopia

29.7908, 29.2160, 36.8700



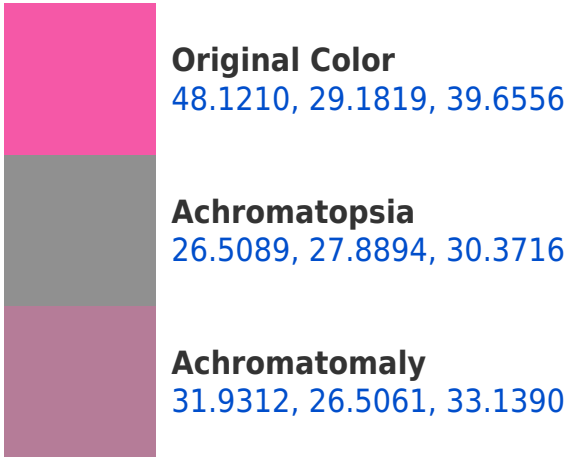
Tritanopia

43.3933, 29.1107, 17.5192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1210, 29.1819, 39.6556 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(245, 88, 167) looks like.

```
.text, #text, p{  
    color:rgb(245, 88, 167)  
}
```

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(245, 88, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 88, 167) }
```

Border

The CSS property to change the border of an element to XYZ 48.1210, 29.1819, 39.6556 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(245, 88, 167) }
```


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

```
.border{ border-color:rgb(245, 88, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 88, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 88, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 88, 167);  
box-shadow:4px 4px 4px 4px rgb(245, 88,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1210, 29.1819, 39.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 88, 167) }
```

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

```
.background{ background-color: rgb(245, 88,  
167) }
```

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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