

Converting Colors

XYZ(48.9261, 28.9533, 28.1654)

Have a look what the booklet for
XYZ(48.9261, 28.9533, 28.1654)
contains.

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Color

**XYZ(48.9164, 28.9204,
28.2033)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF508D |
| RGB | 255, 80, 141 |
| RGB Percent | 100%, 31%, 55% |
| CMY | 0.0000, 0.6862, 0.4471 |
| CMYK | 0.00, 0.69, 0.45, 0.00 |
| HSL | 339°, 100%, 66% |
| HSV | 339°, 69%, 100% |
| XYZ | 48.9164, 28.9204, 28.2033 |
| YIQ | 139.2790, 84.7190, 56.0710 |

Conversions

Conversions Part 2

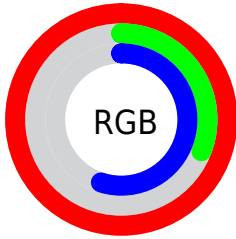
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 80, 141 |
| Decimal | 16732301 |
| CIE Lab | 60.71, 70.04, 4.77 |
| CIE LCh | 61, 70.200, 3.897 |
| Yxy | 28.9204, 0.4613, 0.2727 |
| Android (android.graphics.Color) | 4294922381 (0xFFFF508D) |
| YUV | 139.2790, 0.8485, 101.4873 |
| Hunter-Lab | 53.7777, 68.2533, 6.5502 |

Details

The XYZ color **48.9164, 28.9204, 28.2033** 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 **48.8079, 77.1214, 63.3585**, and the grayscale version is **24.6237, 25.9060, 28.2117**.

A 20% lighter version of the original color is **60.3557, 43.9112, 56.3336**, and **23.8806, 12.0928, 10.9730** is the 20% darker color. If you saturate the color by 10%, you get **46.2457, 25.4112, 21.6652**, and if you desaturate by 10%, it is **52.4820, 33.9228, 35.9550**.

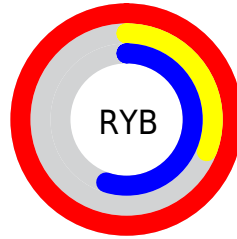
Distribution



Red (100%)

Green (31%)

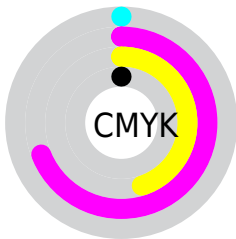
Blue (55%)



Red (100%)

Yellow (31%)

Blue (55%)

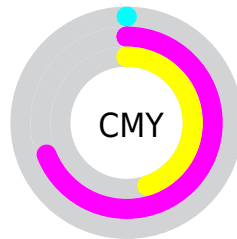


Cyan (0%)

Magenta (69%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9164, 28.9204, 28.2033 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 48.9164, 28.9204, 28.2033 by changing the saturation by 10% instead.


 48.9164, 28.9204,
28.2033


 48.9164, 28.9204,
28.2033


372.9355,
296.8392, 307.3795


 34.7674, 19.0206,
18.2386


 87.7687, 57.9506,
57.8359


 23.6495, 11.6852,
10.9502


 113.2028, 77.8498,
78.3408

 15.1971, 6.5297,
5.9196


 143.1293,
101.8509, 103.1962

 9.0451, 3.1698,
2.7283

 177.9136,
130.3383, 132.8207

 4.8279, 1.2210,
0.9576

217.9210,
163.6965, 167.6327

 2.1804, 0.0787,
0.0000

263.5169,

 0.7324, 0.0000,

202.3098, 208.0508

0.0000

315.0666,
246.5625, 254.4936

■ 0.0000, 0.0000,
0.0000

■ 48.9164, 28.9204,
28.2033

■ 48.9164, 28.9204,
28.2033

■ 46.2457, 25.4112,
21.6652

■ 52.4820, 33.9228,
35.9550

■ 44.3744, 23.2172,
16.2674

■ 57.0197, 40.5603,
44.9833


■ 43.1734, 22.0943,
11.9237

■ 62.6004, 48.9632,
55.3480

■ 43.0379, 21.9792,
11.3980

■ 69.2877, 59.2474,
67.1044

■ 77.1398, 71.5188,
80.3042

 86.2106, 85.8754,
94.9964

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.3980, 28.9204, 59.1041



48.9164, 28.9204, 28.2033



44.7316, 28.9204, 10.9866

Triad

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



48.9164, 28.9204, 28.2033



18.8344, 28.9204, 5.5134



20.4819, 28.9204, 101.3871

Complementary

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



48.9164, 28.9204, 28.2033



48.8079, 77.1214, 63.3585

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.



15.3663, 28.9204, 68.5472



48.9164, 28.9204, 28.2033



14.5729, 28.9204, 14.1789

Square

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



48.9164, 28.9204, 28.2033



26.3152, 28.9204, 3.2788



13.4593, 28.9204, 35.0213



28.6950, 28.9204, 112.6809

Rectangle

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



48.9164, 28.9204, 28.2033



39.1487, 28.9204, 5.8673



13.4593, 28.9204, 35.0213



18.4084, 28.9204, 91.8576

Sweetspot

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



48.9172, 28.9220, 28.2038



75.1651, 68.4168, 77.0335



43.1044, 24.3957, 97.0446



15.6157, 13.9039, 15.6975



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.



48.9172, 28.9220, 28.2038



45.5296, 24.5328, 19.7187



47.8691, 32.2009, 11.2840



18.2707, 18.0916, 20.0429



22.5516, 11.5100, 6.2895



2.2451, 1.1404, 0.8720

Inverse Universe

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



48.9172, 28.9220, 28.2038



45.5296, 24.5328, 19.7187



49.3098, 64.8272, 104.5216



18.2707, 18.0916, 20.0429



22.5516, 11.5100, 6.2895



2.2451, 1.1404, 0.8720

Previews

White Background



This preview shows how the XYZ color 48.9164, 28.9204, 28.2033 looks on a white background.

Color Contrast Check

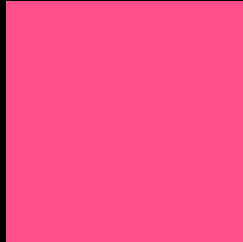
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9164, 28.9204, 28.2033 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 48.9164, 28.9204, 28.2033

Background



This preview shows how black text looks on a background with the XYZ color 48.9164, 28.9204, 28.2033.



This preview shows how white text looks on a background with the XYZ color 48.9164, 28.9204,

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

48.9164, 28.9204, 28.2033

Protanopia

28.9095, 28.9944, 46.7206

Deuteranopia

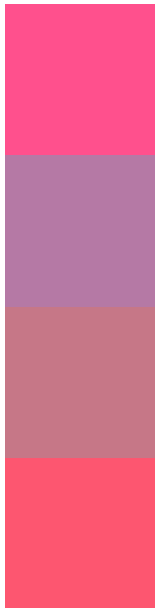
29.4156, 28.8227, 25.8428



Tritanopia

45.8666, 28.8340, 13.9746

Trichromacy



Original Color

48.9164, 28.9204, 28.2033

Protanomaly

32.6850, 26.2151, 38.9346

Deuteranomaly

34.2587, 26.9487, 26.3177

Tritanomaly

46.7604, 28.7081, 18.4059

Monochromacy



Original Color

48.9164, 28.9204, 28.2033

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

30.2681, 24.6741, 27.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9164, 28.9204, 28.2033 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, 80, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 141)  
}
```

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, 80, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 141) }
```

Border

The CSS property to change the border of an element to XYZ 48.9164, 28.9204, 28.2033 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, 80, 141) }
```


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

```
.border{ border-color:rgb(255, 80, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9164, 28.9204, 28.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 141) }
```

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

```
.background{ background-color: rgb(255, 80,  
141) }
```

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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