

Converting Colors

XYZ(48.6390, 29.3326, 28.6894)

Have a look what the booklet for XYZ(48.6390, 29.3326, 28.6894) contains.

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Color

**XYZ(48.6390, 29.3326,
28.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	FD558E
RGB	253, 85, 142
RGB Percent	99%, 33%, 56%
CMY	0.0078, 0.6666, 0.4431
CMYK	0.00, 0.66, 0.44, 0.01
HSL	340°, 98%, 66%
HSV	340°, 66%, 99%
XYZ	48.6390, 29.3326, 28.6894
YIQ	141.7300, 81.8310, 53.3430

Conversions

Conversions Part 2

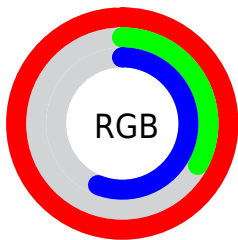
Format	Color
R_{YB}	253, 85, 142
Decimal	16602510
CIE _{Lab}	61.07, 67.72, 4.67
CIE _{LCh}	61, 67.876, 3.943
Yxy	29.3326, 0.4560, 0.2750
Android (android.graphics.Color)	4294792590 (0xFFFD558E)
YUV	141.7300, 0.1331, 97.5838
Hunter-Lab	54.1596, 65.5259, 6.5046

Details

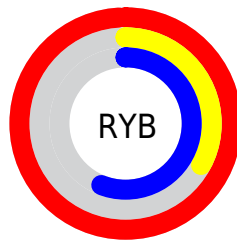
The XYZ color **48.6390, 29.3326, 28.6894** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.8373, 76.1682, 64.3580**, and the grayscale version is **25.5828, 26.9151, 29.3106**.

A 20% lighter version of the original color is **61.0636, 45.1466, 57.1255**, and **23.4393, 11.8925, 11.1853** is the 20% darker color. If you saturate the color by 10%, you get **45.8285, 25.5720, 22.0176**, and if you desaturate by 10%, it is **52.3509, 34.5949, 36.5908**.

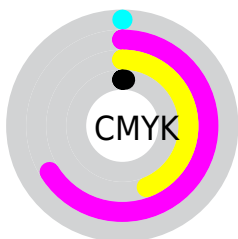
Distribution



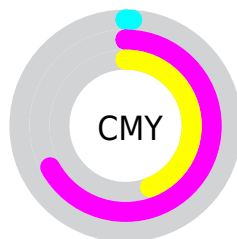
- Red (99%)
- Green (33%)
- Blue (56%)



- Red (99%)
- Yellow (33%)
- Blue (56%)



- Cyan (0%)
- Magenta (66%)
- Yellow (44%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6390, 29.3326, 28.6894 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 48.6390, 29.3326, 28.6894 by changing the saturation by 10% instead.


 48.6390, 29.3326,
28.6894


 48.6390, 29.3326,
28.6894


371.8600,
298.7810, 309.7616


 34.5466, 19.3326,
18.6024


 87.3590, 58.6051,
58.6195


 23.4787, 11.9108,
11.2095


 112.7173, 78.6464,
79.2998

 15.0700, 6.6830,
6.0920


 142.5615,
102.8035, 104.3482

 8.9552, 3.2646,
2.8314

 177.2571,
131.4609, 134.1833

 4.7688, 1.2714,
1.0092

217.1694,
165.0030, 169.2236

 2.1456, 0.1189,
0.0000

262.6637,

 0.7138, 0.0000,

203.8141, 209.8878

0.0000

314.1055,
248.2786, 256.5942

■ 0.0000, 0.0000,
0.0000

■ 48.6390, 29.3326,
28.6894

■ 48.6390, 29.3326,
28.6894

■ 45.8285, 25.5720,
22.0176

■ 52.3509, 34.5949,
36.5908

■ 43.8288, 23.1451,
16.5034

■ 57.0379, 41.4935,
45.7844


■ 42.5320, 21.8505,
12.0667

■ 62.7683, 50.1534,
56.3295

■ 42.1808, 21.5518,
10.7050

■ 69.6035, 60.6859,
68.2813

■ 77.5998, 73.1932,
81.6913

 86.8096, 87.7700,
96.6086

94.3180, 99.6226,
108.8657

Harmonies

Analogous

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



46.2217, 29.3326, 58.6200



48.6390, 29.3326, 28.6894



44.5950, 29.3326, 11.6640

Triad

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



48.6390, 29.3326, 28.6894



19.3851, 29.3326, 6.1117



21.0269, 29.3326, 99.1652

Complementary

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



48.6390, 29.3326, 28.6894



48.8373, 76.1682, 64.3580

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.



15.9703, 29.3326, 67.8002



48.6390, 29.3326, 28.6894



15.1734, 29.3326, 14.9032

Square

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



48.6390, 29.3326, 28.6894



26.7210, 29.3326, 3.7673



14.0704, 29.3326, 35.4235



29.0715, 29.3326, 109.8690

Rectangle

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



48.6390, 29.3326, 28.6894



39.1959, 29.3326, 6.4620



14.0704, 29.3326, 35.4235



18.9827, 29.3326, 90.0904

Sweetspot

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



48.6398, 29.3342, 28.6899



75.9243, 69.6823, 78.0660



43.2793, 25.0867, 95.4895



15.7612, 14.1489, 15.8879



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.



48.6398, 29.3342, 28.6899



45.8266, 24.9888, 20.2432



47.7465, 32.7356, 12.3985



18.2636, 18.0888, 20.0054



22.4995, 11.4891, 6.0148



2.2394, 1.1381, 0.8420

Inverse Universe

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



48.6398, 29.3342, 28.6899



45.8266, 24.9888, 20.2432



49.1656, 64.4012, 102.7678



18.2636, 18.0888, 20.0054



22.4995, 11.4891, 6.0148



2.2394, 1.1381, 0.8420

Previews

White Background



This preview shows how the XYZ color 48.6390, 29.3326, 28.6894 looks on a white background.

Color Contrast Check

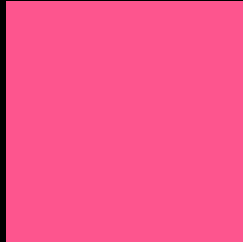
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6390, 29.3326, 28.6894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

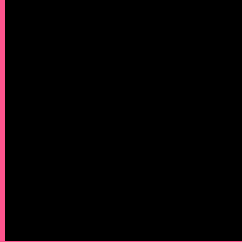
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.6390, 29.3326, 28.6894

Background



This preview shows how black text looks on a background with the XYZ color 48.6390, 29.3326, 28.6894.



This preview shows how white text looks on a background with the XYZ color 48.6390, 29.3326,

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

48.6390, 29.3326, 28.6894

Protanopia

29.2993, 29.4348, 46.2567

Deuteranopia

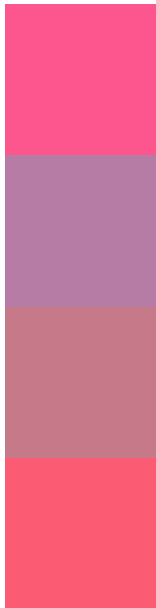
29.9124, 29.2827, 26.6298



Tritanopia

45.7273, 29.2495, 15.2922

Trichromacy



Original Color

48.6390, 29.3326, 28.6894

Protanomaly

33.2906, 27.0770, 39.0691

Deuteranomaly

34.6414, 27.4867, 27.1466

Tritanomaly

46.6193, 29.2292, 19.4043

Monochromacy



Original Color

48.6390, 29.3326, 28.6894

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

31.0113, 25.5728, 28.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6390, 29.3326, 28.6894 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(253, 85, 142)` looks like.

```
.text, #text, p{  
    color:rgb(253, 85, 142)  
}
```

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(253, 85, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 85, 142) }
```

Border

The CSS property to change the border of an element to XYZ 48.6390, 29.3326, 28.6894 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(253, 85, 142) }
```


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

```
.border{ border-color:rgb(253, 85, 142) }
```

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

Here you see how a box with a 4 pixel rgb(253, 85, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 85, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 85, 142);  
box-shadow:4px 4px 4px 4px rgb(253, 85,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6390, 29.3326, 28.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 85, 142) }
```

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

```
.background{ background-color: rgb(253, 85,  
142) }
```

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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