

Converting Colors

XYZ(48.3939, 28.5180, 26.0482)

Have a look what the booklet for
XYZ(48.3939, 28.5180, 26.0482)
contains.

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Color

**XYZ(48.3376, 28.4580,
25.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4E87
RGB	255, 78, 135
RGB Percent	100%, 31%, 53%
CMY	0.0000, 0.6941, 0.4706
CMYK	0.00, 0.69, 0.47, 0.00
HSL	341°, 100%, 65%
HSV	341°, 69%, 100%
XYZ	48.3376, 28.4580, 25.8670
YIQ	137.4210, 87.1950, 55.2510

Conversions

Conversions Part 2

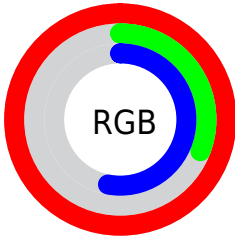
Format	Color
RYB	255, 78, 135
Decimal	16731783
CIELab	60.30, 70.22, 7.68
CIElCh	60, 70.642, 6.245
Yxy	28.4580, 0.4708, 0.2772
Android (android.graphics.Color)	4294921863 (0xFFFF4E87)
YUV	137.4210, -1.1936, 103.1168
Hunter-Lab	53.3460, 68.3858, 8.5931

Details

The XYZ color **48.3376, 28.4580, 25.8670** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **49.0969, 77.2178, 65.7490**, and the grayscale version is **23.9200, 25.1657, 27.4055**.

A 20% lighter version of the original color is **59.4056, 43.0678, 52.7589**, and **23.6720, 12.0093, 9.8745** is the 20% darker color. If you saturate the color by 10%, you get **45.7438, 25.0630, 19.4765**, and if you desaturate by 10%, it is **51.8324, 33.3389, 33.5335**.

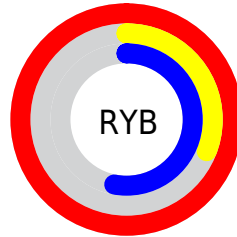
Distribution



Red (100%)

Green (31%)

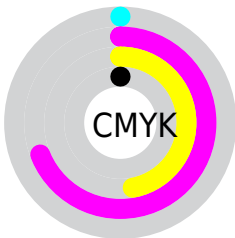
Blue (53%)



Red (100%)

Yellow (31%)

Blue (53%)

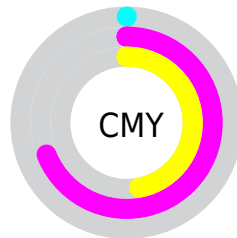


Cyan (0%)

Magenta (69%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3376, 28.4580, 25.8670 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 48.3376, 28.4580, 25.8670 by changing the saturation by 10% instead.


 48.3376, 28.4580,
25.8670


 48.3376, 28.4580,
25.8670


370.6891,
294.6490, 295.7133

 34.3067, 18.6712,
16.4993

 86.9135, 57.2148,
54.0418


 23.2933, 11.4329,
9.7200


 112.1892, 76.9536,
73.6859

 14.9321, 6.3588,
5.1105


 141.9438,
100.7786, 97.5926

 8.8578, 3.0645,
2.2524

 176.5428,
129.0741, 126.1804

 4.7049, 1.1655,
0.7044

216.3515,
162.2244, 159.8678

 2.1081, 0.0332,
0.0000

261.7352,

 0.6936, 0.0000,

200.6141, 199.0734

0.0000

313.0593,
244.6275, 244.2157

■ 0.0000, 0.0000,
0.0000

■ 48.3376, 28.4580,
25.8670

■ 48.3376, 28.4580,
25.8670

■ 45.7438, 25.0630,
19.4765

■ 51.8324, 33.3389,
33.5335

■ 43.9529, 22.9726,
14.2817

■ 56.3076, 39.8497,
42.5457


■ 42.8229, 21.9194,
10.1845

■ 61.8356, 48.1224,
52.9691

■ 42.7671, 21.8708,
9.9718

■ 68.4813, 58.2740,
64.8642

■ 76.3044, 70.4117,
78.2878

 85.3598, 84.6342,
93.2935

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.



46.3433, 28.4580, 55.7574



48.3376, 28.4580, 25.8670



43.6812, 28.4580, 9.8513

Triad

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



48.3376, 28.4580, 25.8670



17.9967, 28.4580, 5.6458



20.6173, 28.4580, 102.8084

Complementary

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



48.3376, 28.4580, 25.8670



49.0969, 77.2178, 65.7490

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.



15.2860, 28.4580, 70.8607



48.3376, 28.4580, 25.8670



14.0263, 28.4580, 14.9138

Square

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



48.3376, 28.4580, 25.8670



25.1965, 28.4580, 3.1396



13.1584, 28.4580, 36.7392



28.9891, 28.4580, 111.8082

Rectangle

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



48.3376, 28.4580, 25.8670



37.9351, 28.4580, 5.2553



13.1584, 28.4580, 36.7392



18.4736, 28.4580, 93.7751

Sweetspot

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



48.3383, 28.4596, 25.8675



74.9775, 68.3417, 76.0456



43.5410, 24.4066, 97.0237



15.5715, 13.8863, 15.4649



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.



48.3383, 28.4596, 25.8675



45.0135, 24.1721, 17.4770



47.9264, 32.4320, 10.9438



18.2504, 18.0835, 19.9358



22.4069, 11.4520, 5.5270



2.2291, 1.1340, 0.7881

Inverse Universe

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



48.3383, 28.4596, 25.8675



45.0135, 24.1721, 17.4770



48.2538, 62.9623, 104.2173



18.2504, 18.0835, 19.9358



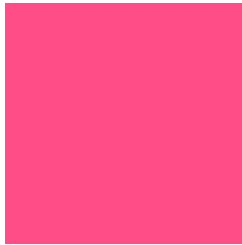
22.4069, 11.4520, 5.5270



2.2291, 1.1340, 0.7881

Previews

White Background



This preview shows how the XYZ color 48.3376, 28.4580, 25.8670 looks on a white background.

Color Contrast Check

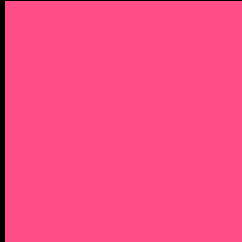
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3376, 28.4580, 25.8670 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 48.3376, 28.4580, 25.8670

Background



This preview shows how black text looks on a background with the XYZ color 48.3376, 28.4580, 25.8670.



This preview shows how white text looks on a background with the XYZ color 48.3376, 28.4580,

25.8670.

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

48.3376, 28.4580, 25.8670

Protanopia

28.3313, 28.5391, 43.5505

Deuteranopia

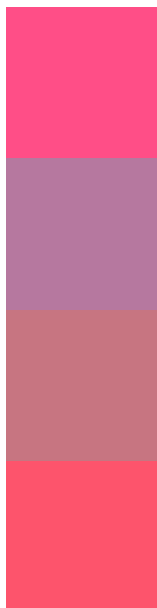
29.0803, 28.4780, 23.7028



Tritanopia

45.4848, 28.2845, 13.1874

Trichromacy



Original Color

48.3376, 28.4580, 25.8670

Protanomaly

32.2659, 25.8812, 36.0959

Deuteranomaly

33.8769, 26.4497, 24.0887

Tritanomaly

46.3851, 28.3060, 17.2062

Monochromacy



Original Color

48.3376, 28.4580, 25.8670

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

29.5117, 23.9717, 26.3641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3376, 28.4580, 25.8670 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, 78, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 135)  
}
```

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, 78, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 135) }
```

Border

The CSS property to change the border of an element to XYZ 48.3376, 28.4580, 25.8670 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, 78, 135) }
```


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

```
.border{ border-color:rgb(255, 78, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 78, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3376, 28.4580, 25.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 135) }
```

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

```
.background{ background-color: rgb(255, 78,  
135) }
```

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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