

Converting Colors

XYZ(51.6074, 28.6484, 46.5307)

Have a look what the booklet for
XYZ(51.6074, 28.6484, 46.5307)
contains.

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Color

**XYZ(51.5876, 28.6105,
46.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	FF43B5
RGB	255, 67, 181
RGB Percent	100%, 26%, 71%
CMY	0.0000, 0.7372, 0.2902
CMYK	0.00, 0.74, 0.29, 0.00
HSL	324°, 100%, 63%
HSV	324°, 74%, 100%
XYZ	51.5876, 28.6105, 46.5195
YIQ	136.2080, 75.4540, 75.3100

Conversions

Conversions Part 2

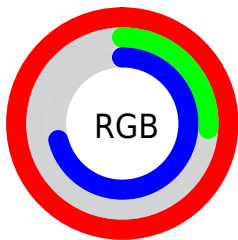
Format	Color
R_{YB}	255, 67, 181
Decimal	16729013
CIE _{Lab}	60.44, 78.39, -18.85
CIE _{LCh}	60, 80.622, 346.481
Yxy	28.6105, 0.4071, 0.2258
Android (android.graphics.Color)	4294919093 (0xFFFF43B5)
YUV	136.2080, 22.0825, 104.1806
Hunter-Lab	53.4888, 78.5501, -14.1227

Details

The XYZ color **51.5876, 28.6105, 46.5195** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **42.8842, 74.6372, 37.3501**, and the grayscale version is **23.3817, 24.5994, 26.7888**.

A 20% lighter version of the original color is **64.6424, 43.6070, 85.1307**, and **26.1444, 13.0278, 21.5587** is the 20% darker color. If you saturate the color by 10%, you get **49.3979, 25.8204, 40.8897**, and if you desaturate by 10%, it is **54.5199, 32.7666, 52.7634**.

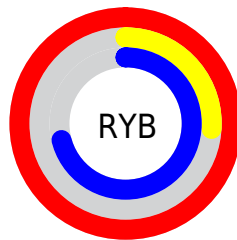
Distribution



Red (100%)

Green (26%)

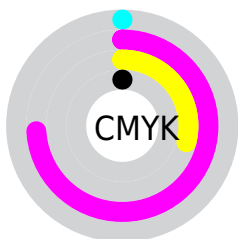
Blue (71%)



Red (100%)

Yellow (26%)

Blue (71%)

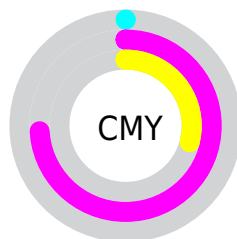


Cyan (0%)

Magenta (74%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5876, 28.6105, 46.5195 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 51.5876, 28.6105, 46.5195 by changing the saturation by 10% instead.

51.5876, 28.6105,
46.5195

51.5876, 28.6105,
46.5195

383.1926,
295.3727, 389.2314

36.8994, 18.7864,
32.3043

91.7006, 57.4577,
86.3384

25.3029, 11.5160,
21.3273

117.8561, 77.2495,
112.7792

16.4328, 6.4150,
13.1699

148.5647,
101.1327, 144.1323

9.9237, 3.0991,
7.4135

184.1919,
129.4916, 180.8163

5.4103, 1.1837,
3.6397

225.1029,
162.7107, 223.2496

2.5272, 0.0483,
1.4298

271.6631,

0.9090, 0.0000,

201.1743, 271.8509

0.1648

324.2379,
245.2669, 327.0386

■ 0.0000, 0.0000,
0.0000

■ 51.5876, 28.6105,
46.5195

■ 51.5876, 28.6105,
46.5195

■ 49.3979, 25.8204,
40.8897

■ 54.5199, 32.7666,
52.7634

■ 47.8519, 24.2015,
35.8328

■ 58.2715, 38.4404,
59.6538

■ 47.1247, 23.6139,
32.9182

■ 62.9117, 45.7680,
67.2213

■ 68.5017, 54.8691,
75.4931

■ 75.0966, 65.8523,
84.4946

82.7476, 78.8174,
94.2494

91.5021, 93.8571,
104.7798

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.



44.3902, 28.6105, 89.4336



51.5876, 28.6105, 46.5195



51.1794, 28.6105, 17.5844

Triad

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



51.5876, 28.6105, 46.5195



21.9140, 28.6105, 2.2005



15.6332, 28.6105, 93.7216

Complementary

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



51.5876, 28.6105, 46.5195



42.8842, 74.6372, 37.3501

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.



12.1911, 28.6105, 50.3495



51.5876, 28.6105, 46.5195



15.1341, 28.6105, 6.0388

Square

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



51.5876, 28.6105, 46.5195



32.1322, 28.6105, 2.0724



12.0354, 28.6105, 19.6071



22.7886, 28.6105, 126.3605

Rectangle

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



51.5876, 28.6105, 46.5195



46.6100, 28.6105, 8.0245



12.0354, 28.6105, 19.6071



14.0931, 28.6105, 79.0071

Sweetspot

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



51.5884, 28.6120, 46.5200



76.3365, 67.9393, 86.1187



30.7178, 16.7311, 96.2182



15.9240, 13.8435, 17.8872



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.



51.5884, 28.6120, 46.5200



48.6639, 24.9969, 38.6581



45.0487, 25.9961, 12.0824



18.4721, 18.1721, 21.1030



24.6992, 12.3690, 17.5984



2.4587, 1.2258, 1.9967

Inverse Universe

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



51.5884, 28.6120, 46.5200



48.6639, 24.9969, 38.6581



52.7933, 78.6008, 89.5308



18.4721, 18.1721, 21.1030



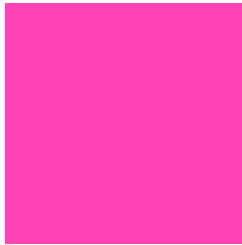
24.6992, 12.3690, 17.5984



2.4587, 1.2258, 1.9967

Previews

White Background



This preview shows how the XYZ color 51.5876, 28.6105, 46.5195 looks on a white background.

Color Contrast Check

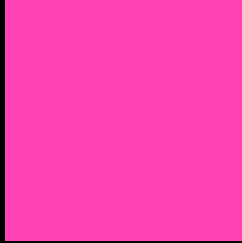
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5876, 28.6105, 46.5195 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 51.5876, 28.6105, 46.5195

Background



This preview shows how black text looks on a background with the XYZ color 51.5876, 28.6105, 46.5195.



This preview shows how white text looks on a background with the XYZ color 51.5876, 28.6105,

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

51.5876, 28.6105, 46.5195

Protanopia

31.4152, 29.0106, 84.0646

Deuteranopia

29.2364, 28.5822, 42.5041



Tritanopia

45.0517, 28.6571, 14.4661

Trichromacy



Original Color

51.5876, 28.6105, 46.5195



Protanomaly

33.5554, 24.9526, 68.6934



Deuteranomaly

34.3621, 25.9214, 43.7497



Tritanomaly

46.7732, 28.2543, 23.4105

Monochromacy



Original Color

51.5876, 28.6105, 46.5195



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

29.9423, 23.2196, 32.6095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5876, 28.6105, 46.5195 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, 67, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 181)  
}
```

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, 67, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.5876, 28.6105, 46.5195 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, 67, 181) }
```


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

```
.border{ border-color:rgb(255, 67, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 67, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5876, 28.6105, 46.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 181) }
```

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

```
.background{ background-color: rgb(255, 67,  
181) }
```

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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