

Converting Colors

XYZ(80.2092, 46.2035, 48.0938)

Have a look what the booklet for
XYZ(80.2092, 46.2035, 48.0938)
contains.

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Color

**XYZ(53.3926, 32.3840,
46.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DB4
RGB	255, 93, 180
RGB Percent	100%, 36%, 71%
CMY	0.0000, 0.6353, 0.2941
CMYK	0.00, 0.64, 0.29, 0.00
HSL	328°, 100%, 68%
HSV	328°, 64%, 100%
XYZ	53.3926, 32.3840, 46.6167
YIQ	151.3560, 68.6250, 61.4010

Conversions

Conversions Part 2

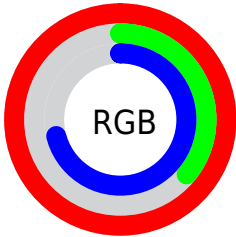
Format	Color
R _Y B	255, 93, 180
Decimal	16735668
CIE Lab	63.66, 69.20, -13.40
CIE LCh	64, 70.484, 349.044
Yxy	32.3840, 0.4033, 0.2446
Android (android.graphics.Color)	4294925748 (0xFFFF5DB4)
YUV	151.3560, 14.1215, 90.8958
Hunter-Lab	56.9069, 67.8894, -8.7340

Details

The XYZ color **53.3926, 32.3840, 46.6167** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **47.3438, 76.6751, 49.3544**, and the grayscale version is **29.4901, 31.0259, 33.7872**.

A 20% lighter version of the original color is **67.4469, 49.4493, 85.3467**, and **26.3658, 13.5755, 21.3094** is the 20% darker color. If you saturate the color by 10%, you get **50.3636, 28.1695, 39.9237**, and if you desaturate by 10%, it is **57.2716, 38.1343, 54.0991**.

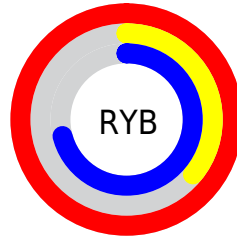
Distribution



Red (100%)

Green (36%)

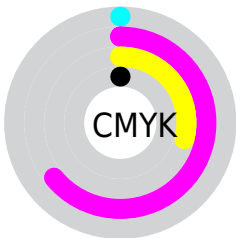
Blue (71%)



Red (100%)

Yellow (36%)

Blue (71%)

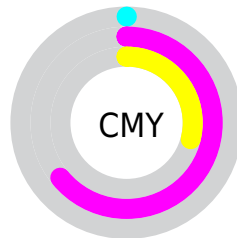


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3926, 32.3840, 46.6167 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 53.3926, 32.3840, 46.6167 by changing the saturation by 10% instead.


 53.3926, 32.3840,
46.6167

 53.3926, 32.3840,
46.6167

390.0258,
312.8648, 389.6318


 38.3450, 21.6550,
32.3806


 94.3440, 63.4126,
86.4852


 26.4290, 13.6036,
21.3851


 120.9784, 84.4810,
112.9546

 17.2792, 7.8455,
13.2118


 152.2059,
109.7645, 144.3389

 10.5303, 3.9962,
7.4421

 188.3917,
139.6478, 181.0565

 5.8169, 1.6715,
3.6575

229.9013,
174.5150, 223.5261

 2.7737, 0.4051,
1.4394

277.0999,

 1.0352, 0.0000,

214.7507, 272.1662

0.1722

330.3530,
260.7391, 327.3952

■ 0.0000, 0.0000,
0.0000

■ 53.3926, 32.3840,
46.6167

■ 53.3926, 32.3840,
46.6167

■ 50.3636, 28.1695,
39.9237

■ 57.2716, 38.1343,
54.0991

■ 48.1020, 25.3301,
33.9792

■ 62.0673, 45.5504,
62.4044

■ 46.5116, 23.6773,
28.7383

■ 67.8425, 54.7536,
71.5654

■ 45.7510, 23.0644,
25.6844

■ 74.6534, 65.8528,
81.6123

■ 82.5516, 78.9479,
92.5731

91.5855, 94.1319,
104.4746

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.



47.4296, 32.3840, 84.1564



53.3926, 32.3840, 46.6167



52.3997, 32.3840, 20.3475

Triad

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



53.3926, 32.3840, 46.6167



24.9999, 32.3840, 4.8133



19.9521, 32.3840, 94.2022

Complementary

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



53.3926, 32.3840, 46.6167



47.3438, 76.6751, 49.3544

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.



16.1140, 32.3840, 56.1066



53.3926, 32.3840, 46.6167



18.5692, 32.3840, 10.3047

Square

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



53.3926, 32.3840, 46.6167



34.5248, 32.3840, 4.3067



15.6687, 32.3840, 25.9171



27.3163, 32.3840, 119.9221

Rectangle

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



53.3926, 32.3840, 46.6167



47.9738, 32.3840, 10.9277



15.6687, 32.3840, 25.9171



18.2805, 32.3840, 81.7035

Sweetspot

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



53.3934, 32.3856, 46.6173



78.0903, 71.5265, 86.4581



37.6711, 23.1470, 97.0901



16.2440, 14.5318, 17.8454



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.



53.3934, 32.3856, 46.6173



49.7359, 27.3455, 38.3848



47.5094, 30.0320, 15.6326



18.4172, 18.1502, 20.8143



23.9821, 12.0821, 13.8223



2.3903, 1.1985, 1.6365

Inverse Universe

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



53.3934, 32.3856, 46.6173



49.7359, 27.3455, 38.3848



57.0483, 80.5569, 100.4574



18.4172, 18.1502, 20.8143



23.9821, 12.0821, 13.8223



2.3903, 1.1985, 1.6365

Previews

White Background



This preview shows how the XYZ color 53.3926, 32.3840, 46.6167 looks on a white background.

Color Contrast Check

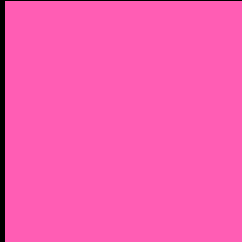
Large Text (above 18pt) WCAG AA × Fail

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 53.3926, 32.3840, 46.6167 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 ✓ Pass

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

XYZ 53.3926, 32.3840, 46.6167

Background



This preview shows how black text looks on a background with the XYZ color 53.3926, 32.3840, 46.6167.



This preview shows how white text looks on a background with the XYZ color 53.3926, 32.3840,

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

53.3926, 32.3840, 46.6167

Protanopia

33.7951, 32.5825, 72.9145

Deuteranopia

33.1573, 32.4343, 43.0410



Tritanopia

47.9393, 32.3101, 20.2328

Trichromacy



Original Color

53.3926, 32.3840, 46.6167



Protanomaly

37.3883, 30.0359, 62.2195



Deuteranomaly

38.2552, 30.4923, 43.9137



Tritanomaly

49.6553, 32.2600, 28.0358

Monochromacy



Original Color

53.3926, 32.3840, 46.6167



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

35.4905, 29.3927, 37.9852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3926, 32.3840, 46.6167 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, 93, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 180)  
}
```

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, 93, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.3926, 32.3840, 46.6167 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, 93, 180) }
```


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

```
.border{ border-color:rgb(255, 93, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 93, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3926, 32.3840, 46.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 180) }
```

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

```
.background{ background-color: rgb(255, 93,  
180) }
```

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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