

Converting Colors

XYZ(53.1079, 30.7867, 49.6910)

Have a look what the booklet for
XYZ(53.1079, 30.7867, 49.6910)
contains.

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Color

**XYZ(53.1202, 30.8398,
49.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52BA
RGB	255, 82, 186
RGB Percent	100%, 32%, 73%
CMY	0.0000, 0.6784, 0.2706
CMYK	0.00, 0.68, 0.27, 0.00
HSL	324°, 100%, 66%
HSV	324°, 68%, 100%
XYZ	53.1202, 30.8398, 49.6073
YIQ	145.5830, 69.7240, 69.0200

Conversions

Conversions Part 2

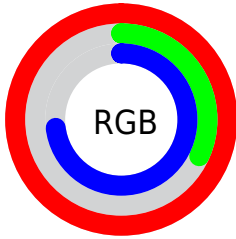
Format	Color
R _{YB}	255, 82, 186
Decimal	16732858
CIE _{Lab}	62.37, 74.04, -18.77
CIE _{LCh}	62, 76.386, 345.775
Yxy	30.8398, 0.3977, 0.2309
Android (android.graphics.Color)	4294922938 (0xFFFF52BA)
YUV	145.5830, 19.9256, 95.9587
Hunter-Lab	55.5336, 73.5589, -14.0893

Details

The XYZ color **53.1202, 30.8398, 49.6073** 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 **44.8273, 75.5490, 41.5022**, and the grayscale version is **27.0541, 28.4631, 30.9963**.

A 20% lighter version of the original color is **66.9400, 47.0168, 89.5514**, and **26.4818, 13.1628, 23.3352** is the 20% darker color. If you saturate the color by 10%, you get **50.4986, 27.2659, 43.5872**, and if you desaturate by 10%, it is **56.5344, 35.8755, 56.2720**.

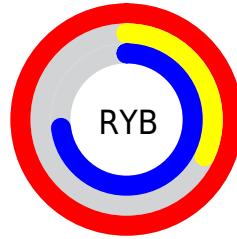
Distribution



Red (100%)

Green (32%)

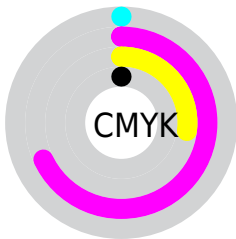
Blue (73%)



Red (100%)

Yellow (32%)

Blue (73%)

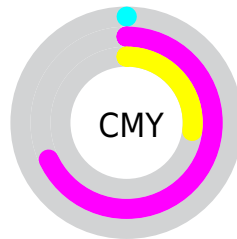


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1202, 30.8398, 49.6073 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 53.1202, 30.8398, 49.6073 by changing the saturation by 10% instead.

 53.1202, 30.8398,
49.6073

 53.1202, 30.8398,
49.6073


388.9994,
305.7996, 401.8192


 38.1266, 20.4769,
34.7325

 93.9457, 60.9878,
90.9831


 26.2586, 12.7422,
23.1750


 120.5083, 81.5416,
118.3211

 17.1509, 7.2512,
14.5162

 151.6580,
106.2612, 150.6506

 10.4381, 3.6197,
8.3378

 187.7600,
135.5310, 188.3901

 5.7549, 1.4632,
4.2210

229.1799,
169.7353, 231.9582

 2.7358, 0.2626,
1.7473

276.2828,

 1.0157, 0.0000,

209.2586, 281.7734

0.3929

329.4342,
254.4852, 338.2542

■ 0.0000, 0.0000,
0.0000

■ 53.1202, 30.8398,
49.6073

■ 53.1202, 30.8398,
49.6073

■ 50.4986, 27.2659,
43.5872

■ 56.5344, 35.8755,
56.2720

■ 48.5819, 24.9812,
38.1736

■ 60.8112, 42.5108,
63.6113

■ 47.2572, 23.7626,
33.3213

■ 66.0153, 50.8727,
71.6545

■ 47.0137, 23.5695,
32.3339

■ 72.2043, 61.0740,
80.4280

■ 79.4309, 73.2178,
89.9564

87.7440, 87.3997,
100.2627

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.



45.9950, 30.8398, 91.0180



53.1202, 30.8398, 49.6073



52.9136, 30.8398, 20.3553

Triad

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



53.1202, 30.8398, 49.6073



24.2322, 30.8398, 3.1838



17.5157, 30.8398, 93.1510

Complementary

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



53.1202, 30.8398, 49.6073



44.8273, 75.5490, 41.5022

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.



14.0388, 30.8398, 51.5615



53.1202, 30.8398, 49.6073



17.2474, 30.8398, 7.4623

Square

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



53.1202, 30.8398, 49.6073



34.4751, 30.8398, 3.1016



13.9538, 30.8398, 21.4393



24.6925, 30.8398, 124.5531

Rectangle

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



53.1202, 30.8398, 49.6073



48.5855, 30.8398, 10.0781



13.9538, 30.8398, 21.4393



15.9584, 30.8398, 79.0841

Sweetspot

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



53.1211, 30.8414, 49.6079



77.7789, 70.4241, 87.8322



33.3394, 19.5823, 96.6303



16.2040, 14.3260, 18.2199



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.



53.1211, 30.8414, 49.6079



49.8210, 26.4131, 41.8122



46.6659, 28.2593, 15.6155



18.4679, 18.1705, 21.0812



24.6414, 12.3459, 17.2940



2.4532, 1.2237, 1.9680

Inverse Universe

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



53.1211, 30.8414, 49.6079



49.8210, 26.4131, 41.8122



54.2097, 79.3019, 90.9090



18.4679, 18.1705, 21.0812



24.6414, 12.3459, 17.2940



2.4532, 1.2237, 1.9680

Previews

White Background



This preview shows how the XYZ color 53.1202, 30.8398, 49.6073 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 53.1202, 30.8398, 49.6073 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 53.1202, 30.8398, 49.6073

Background



This preview shows how black text looks on a background with the XYZ color 53.1202, 30.8398, 49.6073.



This preview shows how white text looks on a background with the XYZ color 53.1202, 30.8398,

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

53.1202, 30.8398, 49.6073

Protanopia

33.3310, 31.1710, 82.8571

Deuteranopia

31.5064, 30.8141, 45.8821



Tritanopia

46.5786, 30.7466, 17.9477

Trichromacy



Original Color

53.1202, 30.8398, 49.6073



Protanomaly

36.0942, 27.8601, 69.1208



Deuteranomaly

36.5564, 28.4084, 46.7366



Tritanomaly

48.3912, 30.4998, 27.0035

Monochromacy



Original Color

53.1202, 30.8398, 49.6073



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.7657, 27.1782, 37.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1202, 30.8398, 49.6073 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, 82, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 186)  
}
```

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, 82, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.1202, 30.8398, 49.6073 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, 82, 186) }
```


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

```
.border{ border-color:rgb(255, 82, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1202, 30.8398, 49.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 186) }
```

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

```
.background{ background-color: rgb(255, 82,  
186) }
```

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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