

Converting Colors

XYZ(53.2908, 30.4407, 51.9463)

Have a look what the booklet for
XYZ(53.2908, 30.4407, 51.9463)
contains.

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Color

**XYZ(53.2587, 30.4265,
51.7811)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4EBE |
| RGB | 255, 78, 190 |
| RGB Percent | 100%, 31%, 75% |
| CMY | 0.0000, 0.6941, 0.2549 |
| CMYK | 0.00, 0.69, 0.25, 0.00 |
| HSL | 322°, 100%, 65% |
| HSV | 322°, 69%, 100% |
| XYZ | 53.2587, 30.4265, 51.7811 |
| YIQ | 143.6910, 69.5400, 72.3560 |

Conversions

Conversions Part 2

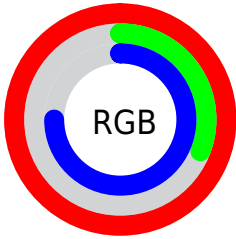
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 78, 190 |
| Decimal | 16731838 |
| CIE _{Lab} | 62.02, 75.92, -21.59 |
| CIE _{LCh} | 62, 78.928, 344.123 |
| Yxy | 30.4265, 0.3932, 0.2246 |
| Android (android.graphics.Color) | 4294921918 (0xFFFF4EBE) |
| YUV | 143.6910, 22.8303, 97.6180 |
| Hunter-Lab | 55.1602, 75.8162, -17.0457 |

Details

The XYZ color **53.2587, 30.4265, 51.7811** 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 **43.8614, 75.1236, 38.1790**, and the grayscale version is **26.2785, 27.6470, 30.1076**.

A 20% lighter version of the original color is **67.1072, 46.3791, 92.6039**, and **26.6921, 13.2469, 24.4426** is the 20% darker color. If you saturate the color by 10%, you get **50.7940, 27.0830, 46.0708**, and if you desaturate by 10%, it is **56.4925, 35.2029, 58.0729**.

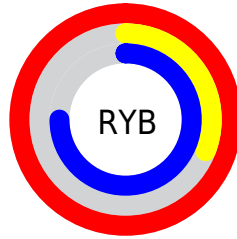
Distribution



Red (100%)

Green (31%)

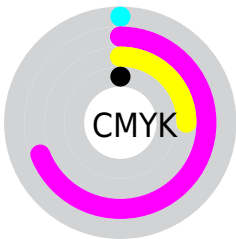
Blue (75%)



Red (100%)

Yellow (31%)

Blue (75%)

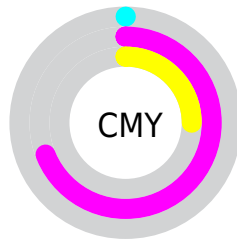


Cyan (0%)

Magenta (69%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2587, 30.4265, 51.7811 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 53.2587, 30.4265, 51.7811 by changing the saturation by 10% instead.


 53.2587, 30.4265,
51.7811

 53.2587, 30.4265,
51.7811


389.5215,
303.8874, 410.5238


 38.2376, 20.1625,
36.4496

 94.1482, 60.3360,
94.2316


 26.3452, 12.5133,
24.4892


 120.7474, 80.7504,
122.1877

 17.2161, 7.0942,
15.4813


 151.9366,
105.3169, 155.1891

 10.4850, 3.5211,
9.0075

 188.0813,
134.4202, 193.6542

 5.7864, 1.4095,
4.6492

229.5468,
168.4444, 238.0018

 2.7550, 0.2237,
1.9878

276.6984,

 1.0256, 0.0000,

207.7742, 288.6502

0.5478

329.9015,
252.7937, 346.0180

■ 0.0000, 0.0000,
0.0000

■ 53.2587, 30.4265,
51.7811

■ 53.2587, 30.4265,
51.7811

■ 50.7940, 27.0830,
46.0708

■ 56.4925, 35.2029,
58.0729

■ 49.0087, 24.9950,
40.9050

■ 60.5669, 41.5533,
64.9751


■ 47.7696, 23.8981,
36.2337

■ 65.5474, 49.6070,
72.5154

■ 47.7041, 23.8456,
35.9693

■ 71.4921, 59.4782,
80.7188

■ 78.4541, 71.2714,
89.6085

 86.4825, 85.0831,
99.2062

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.



45.5380, 30.4265, 95.0986



53.2587, 30.4265, 51.7811



53.5015, 30.4265, 20.8402

Triad

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



53.2587, 30.4265, 51.7811



24.2302, 30.4265, 2.6522



16.6269, 30.4265, 92.5709

Complementary

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



53.2587, 30.4265, 51.7811



43.8614, 75.1236, 38.1790

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.



13.3263, 30.4265, 49.4925



53.2587, 30.4265, 51.7811



16.9336, 30.4265, 6.4240

Square

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



53.2587, 30.4265, 51.7811



34.8554, 30.4265, 2.7390



13.4228, 30.4265, 19.5993



23.6989, 30.4265, 126.8305

Rectangle

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



53.2587, 30.4265, 51.7811



49.2632, 30.4265, 10.0022



13.4228, 30.4265, 19.5993



15.1259, 30.4265, 77.7910

Sweetspot

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



53.2595, 30.4280, 51.7816



77.2754, 69.2609, 88.1462



32.0866, 18.5015, 96.4877



16.1162, 14.1042, 18.3332



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.



53.2595, 30.4280, 51.7816



50.0796, 26.1985, 44.1544



46.3440, 27.6618, 15.3656



18.4931, 18.1805, 21.2136



25.0008, 12.4896, 19.1865



2.4869, 1.2371, 2.1455

Inverse Universe

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



53.2595, 30.4280, 51.7816



50.0796, 26.1985, 44.1544



53.3833, 78.9324, 88.3207



18.4931, 18.1805, 21.2136



25.0008, 12.4896, 19.1865



2.4869, 1.2371, 2.1455

Previews

White Background



This preview shows how the XYZ color 53.2587, 30.4265, 51.7811 looks on a white background.

Color Contrast Check

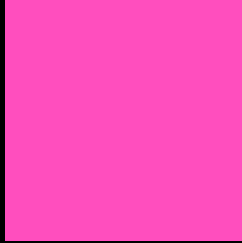
Large Text (above 18pt) WCAG AA × Fail

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 53.2587, 30.4265, 51.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

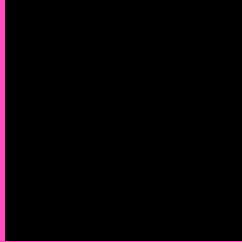
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2587, 30.4265, 51.7811

Background



This preview shows how black text looks on a background with the XYZ color 53.2587, 30.4265, 51.7811.



This preview shows how white text looks on a background with the XYZ color 53.2587, 30.4265,

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

53.2587, 30.4265, 51.7811

Protanopia

33.2708, 30.7890, 88.1937

Deuteranopia

31.2496, 30.6468, 47.4484



Tritanopia

46.0189, 30.3254, 17.3378

Trichromacy



Original Color

53.2587, 30.4265, 51.7811



Protanomaly

35.7959, 27.2461, 73.1844



Deuteranomaly

36.3503, 28.0711, 48.8498



Tritanomaly

48.2134, 30.1441, 26.9442

Monochromacy



Original Color

53.2587, 30.4265, 51.7811



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

32.9167, 26.1965, 37.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2587, 30.4265, 51.7811 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.2587, 30.4265, 51.7811 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, 190) }
```


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

```
.border{ border-color:rgb(255, 78, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2587, 30.4265, 51.7811 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, 190) }
```

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

```
.background{ background-color: rgb(255, 78,  
190) }
```

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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