

Converting Colors

XYZ(53.5111, 31.6216, 49.7376)

Have a look what the booklet for
XYZ(53.5111, 31.6216, 49.7376)
contains.

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Color

**XYZ(53.5111, 31.6216,
49.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	FF57BA
RGB	255, 87, 186
RGB Percent	100%, 34%, 73%
CMY	0.0000, 0.6588, 0.2706
CMYK	0.00, 0.66, 0.27, 0.00
HSL	325°, 100%, 67%
HSV	325°, 66%, 100%
XYZ	53.5111, 31.6216, 49.7376
YIQ	148.5180, 68.3490, 66.4050

Conversions

Conversions Part 2

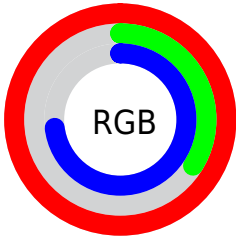
Format	Color
R_{YB}	255, 87, 186
Decimal	16734138
CIE _{Lab}	63.03, 72.22, -17.77
CIE _{LCh}	63, 74.375, 346.174
Yxy	31.6216, 0.3968, 0.2345
Android (android.graphics.Color)	4294924218 (0xFFFF57BA)
YUV	148.5180, 18.4786, 93.3847
Hunter-Lab	56.2331, 71.4517, -13.0782

Details

The XYZ color **53.5111, 31.6216, 49.7376** 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 **45.6930, 75.9473, 43.7077**, and the grayscale version is **28.2715, 29.7438, 32.3910**.

A 20% lighter version of the original color is **67.5459, 48.2286, 89.7534**, and **26.4818, 13.1628, 23.3352** is the 20% darker color. If you saturate the color by 10%, you get **50.7258, 27.7681, 43.5155**, and if you desaturate by 10%, it is **57.1085, 36.9684, 56.6337**.

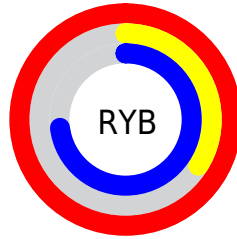
Distribution



Red (100%)

Green (34%)

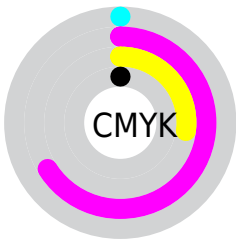
Blue (73%)



Red (100%)

Yellow (34%)

Blue (73%)

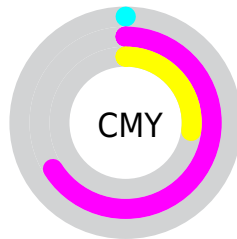


Cyan (0%)

Magenta (66%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5111, 31.6216, 49.7376 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 53.5111, 31.6216, 49.7376 by changing the saturation by 10% instead.


 53.5111, 31.6216,
49.7376


 53.5111, 31.6216,
49.7376


390.4718,
309.3919, 402.3445


 38.4400, 21.0726,
34.8352


 94.5171, 62.2174,
91.1783


 26.5032, 13.1771,
23.2534


 121.1828, 83.0330,
118.5536

 17.3351, 7.5506,
14.5737


 152.4441,
108.0397, 150.9238

 10.5705, 3.8088,
8.3775

 188.6663,
137.6217, 188.7072

 5.8440, 1.5672,
4.2462

230.2148,
172.1636, 232.3224

 2.7902, 0.3353,
1.7614

277.4550,

 1.0438, 0.0000,

212.0496, 282.1880

0.4023

330.7522,
257.6643, 338.7226

■ 0.0000, 0.0000,
0.0000

■ 53.5111, 31.6216,
49.7376

■ 53.5111, 31.6216,
49.7376

■ 50.7258, 27.7681,
43.5155

■ 57.1085, 36.9684,
56.6337

■ 48.6675, 25.2409,
37.9295

■ 61.5860, 43.9423,
64.2340


■ 47.2352, 23.8407,
32.9376

■ 67.0073, 52.6676,
72.5679

■ 46.7662, 23.4705,
31.0305

■ 73.4288, 63.2551,
81.6621

■ 80.9028, 75.8065,
91.5418

 89.4774, 90.4158,
102.2303

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.



46.6132, 31.6216, 90.0890



53.5111, 31.6216, 49.7376



53.2048, 31.6216, 20.9918

Triad

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



53.5111, 31.6216, 49.7376



24.8982, 31.6216, 3.7077



18.3802, 31.6216, 93.2282

Complementary

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



53.5111, 31.6216, 49.7376



45.6930, 75.9473, 43.7077

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.



14.8356, 31.6216, 52.6455



53.5111, 31.6216, 49.7376



17.9721, 31.6216, 8.2863

Square

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



53.5111, 31.6216, 49.7376



35.0096, 31.6216, 3.5740



14.7055, 31.6216, 22.6383



25.5921, 31.6216, 123.3234

Rectangle

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



53.5111, 31.6216, 49.7376



48.9124, 31.6216, 10.7221



14.7055, 31.6216, 22.6383



16.8001, 31.6216, 79.5828

Sweetspot

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



53.5120, 31.6232, 49.7382



77.6917, 70.3893, 87.3731



34.8247, 20.9283, 96.8118



16.1831, 14.3177, 18.1096



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.



53.5120, 31.6232, 49.7382



50.0095, 26.8451, 41.7053



47.1380, 29.0736, 16.1732



18.4585, 18.1667, 21.0316



24.5124, 12.2942, 16.6145



2.4410, 1.2188, 1.9038

Inverse Universe

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



53.5120, 31.6232, 49.7382



50.0095, 26.8451, 41.7053



55.1536, 79.7316, 93.5267



18.4585, 18.1667, 21.0316



24.5124, 12.2942, 16.6145



2.4410, 1.2188, 1.9038

Previews

White Background



This preview shows how the XYZ color 53.5111, 31.6216, 49.7376 looks on a white background.

Color Contrast Check

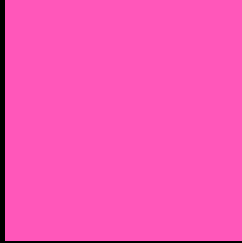
Large Text (above 18pt) WCAG AA × Fail

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 53.5111, 31.6216, 49.7376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

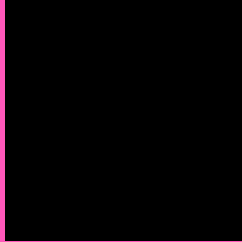
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5111, 31.6216, 49.7376

Background



This preview shows how black text looks on a background with the XYZ color 53.5111, 31.6216, 49.7376.



This preview shows how white text looks on a background with the XYZ color 53.5111, 31.6216,

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

53.5111, 31.6216, 49.7376

Protanopia

33.7840, 31.9240, 80.7253

Deuteranopia

32.3936, 31.7371, 46.0135



Tritanopia

47.2016, 31.6401, 19.2421

Trichromacy



Original Color

53.5111, 31.6216, 49.7376



Protanomaly

36.8684, 28.8557, 67.9165



Deuteranomaly

37.4373, 29.4235, 46.8862



Tritanomaly

48.9791, 31.3264, 28.2760

Monochromacy



Original Color

53.5111, 31.6216, 49.7376



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.7215, 28.2217, 37.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5111, 31.6216, 49.7376 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, 87, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 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, 87, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.5111, 31.6216, 49.7376 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, 87, 186) }
```


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

```
.border{ border-color:rgb(255, 87, 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, 87, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5111, 31.6216, 49.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 186) }
```

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

```
.background{ background-color: rgb(255, 87,  
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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