

Converting Colors

XYZ(53.2134, 30.5354, 51.1511)

Have a look what the booklet for
XYZ(53.2134, 30.5354, 51.1511)
contains.

XYZ(53.2213, 30.5261, 51.2312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.2213, 30.5261,
51.2312)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4FBD
RGB	255, 79, 189
RGB Percent	100%, 31%, 74%
CMY	0.0000, 0.6902, 0.2588
CMYK	0.00, 0.69, 0.26, 0.00
HSL	323°, 100%, 65%
HSV	323°, 69%, 100%
XYZ	53.2213, 30.5261, 51.2312
YIQ	144.1640, 69.5860, 71.5220

Conversions

Conversions Part 2

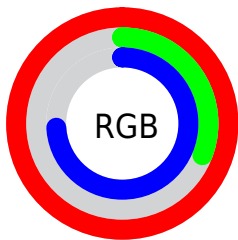
Format	Color
RYB	255, 79, 189
Decimal	16732093
CIELab	62.11, 75.45, -20.89
CIELCh	62, 78.293, 344.524
Yxy	30.5261, 0.3943, 0.2262
Android (android.graphics.Color)	4294922173 (0xFFFF4FBD)
YUV	144.1640, 22.1041, 97.2032
Hunter-Lab	55.2504, 75.2561, -16.3016

Details

The XYZ color **53.2213, 30.5261, 51.2312** 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 **44.0969, 75.2273, 38.9882**, and the grayscale version is **26.4711, 27.8497, 30.3283**.

A 20% lighter version of the original color is **67.0995, 46.6087, 91.8461**, and **26.6921, 13.2469, 24.4426** is the 20% darker color. If you saturate the color by 10%, you get **50.7175, 27.1254, 45.4429**, and if you desaturate by 10%, it is **56.5000, 35.3670, 57.6162**.

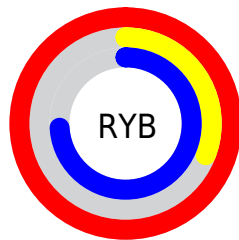
Distribution



Red (100%)

Green (31%)

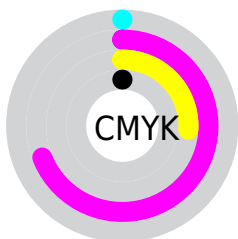
Blue (74%)



Red (100%)

Yellow (31%)

Blue (74%)

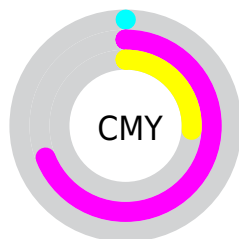


Cyan (0%)

Magenta (69%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2213, 30.5261, 51.2312 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 53.2213, 30.5261, 51.2312 by changing the saturation by 10% instead.


 53.2213, 30.5261,
51.2312

 53.2213, 30.5261,
51.2312


389.3806,
304.3491, 408.3336


 38.2076, 20.2383,
36.0146

 94.0935, 60.4932,
93.4114


 26.3218, 12.5684,
24.1557

 120.6828, 80.9412,
121.2122

 17.1985, 7.1320,
15.2359


 151.8614,
105.5448, 154.0447

 10.4723, 3.5448,
8.8367

 187.9946,
134.6882, 192.3276

 5.7779, 1.4223,
4.5394

229.4477,
168.7560, 236.4794

 2.7499, 0.2331,
1.9257

276.5862,

 1.0229, 0.0000,

208.1325, 286.9187

0.5090

329.7754,
253.2020, 344.0638

■ 0.0000, 0.0000,
0.0000

■ 53.2213, 30.5261,
51.2312

■ 53.2213, 30.5261,
51.2312

■ 50.7175, 27.1254,
45.4429

■ 56.5000, 35.3670,
57.6162

■ 48.8993, 24.9885,
40.2140

■ 60.6248, 41.7883,
64.6268


■ 47.6397, 23.8635,
35.4960

■ 65.6608, 49.9186,
72.2914

■ 47.5302, 23.7761,
35.0537

■ 71.6660, 59.8720,
80.6351

■ 78.6935, 71.7524,
89.6815

 86.7923, 85.6562,
99.4525

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.



45.6484, 30.5261, 94.0694



53.2213, 30.5261, 51.2312



53.3520, 30.5261, 20.7162

Triad

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



53.2213, 30.5261, 51.2312



24.2281, 30.5261, 2.7774



16.8428, 30.5261, 92.7120

Complementary

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



53.2213, 30.5261, 51.2312



44.0969, 75.2273, 38.9882

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.



13.4991, 30.5261, 49.9986



53.2213, 30.5261, 51.2312



17.0090, 30.5261, 6.6710

Square

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



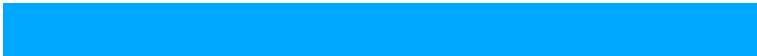
53.2213, 30.5261, 51.2312



34.7578, 30.5261, 2.8254



13.5515, 30.5261, 20.0441



23.9409, 30.5261, 126.2592

Rectangle

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



53.2213, 30.5261, 51.2312



49.0911, 30.5261, 10.0191



13.5515, 30.5261, 20.0441



15.3280, 30.5261, 78.1081

Sweetspot

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



53.2221, 30.5276, 51.2317



77.2152, 69.2368, 87.8293



32.2681, 18.7014, 96.5168



16.1018, 14.0984, 18.2576



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.



53.2221, 30.5276, 51.2317



49.9163, 26.1332, 43.2945



46.4587, 27.8222, 15.6160



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Inverse Universe

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



53.2221, 30.5276, 51.2317



49.9163, 26.1332, 43.2945



53.4848, 78.9825, 88.4241



18.4869, 18.1781, 21.1810



24.9103, 12.4534, 18.7102



2.4785, 1.2338, 2.1010

Previews

White Background



This preview shows how the XYZ color 53.2213, 30.5261, 51.2312 looks on a white background.

Color Contrast Check

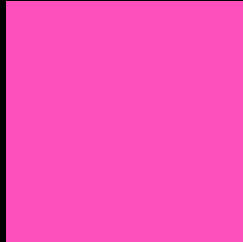
Large Text (above 18pt) WCAG AA × Fail

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 53.2213, 30.5261, 51.2312 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 53.2213, 30.5261, 51.2312

Background



This preview shows how black text looks on a background with the XYZ color 53.2213, 30.5261, 51.2312.



This preview shows how white text looks on a background with the XYZ color 53.2213, 30.5261,

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

53.2213, 30.5261, 51.2312

Protanopia

33.2321, 30.8035, 86.6322

Deuteranopia

31.3329, 30.7014, 46.9224



Tritanopia

46.0719, 30.3465, 17.6166

Trichromacy



Original Color

53.2213, 30.5261, 51.2312



Protanomaly

35.7366, 27.2465, 71.7822



Deuteranomaly

36.4930, 28.1568, 48.3112



Tritanomaly

48.2134, 30.1441, 26.9442

Monochromacy



Original Color

53.2213, 30.5261, 51.2312



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

32.8288, 26.1614, 36.5771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2213, 30.5261, 51.2312 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, 79, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 189)  
}
```

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, 79, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.2213, 30.5261, 51.2312 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, 79, 189) }
```


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

```
.border{ border-color:rgb(255, 79, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2213, 30.5261, 51.2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 189) }
```

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

```
.background{ background-color: rgb(255, 79,  
189) }
```

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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