

Converting Colors

XYZ(53.5221, 30.3633, 53.6878)

Have a look what the booklet for
XYZ(53.5221, 30.3633, 53.6878)
contains.

XYZ(53.5195, 30.4180, 53.5025)	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(53.5195, 30.4180,
53.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DC1
RGB	255, 77, 193
RGB Percent	100%, 30%, 76%
CMY	0.0000, 0.6980, 0.2431
CMYK	0.00, 0.70, 0.24, 0.00
HSL	321°, 100%, 65%
HSV	321°, 70%, 100%
XYZ	53.5195, 30.4180, 53.5025
YIQ	143.4460, 68.8520, 73.8120

Conversions

Conversions Part 2

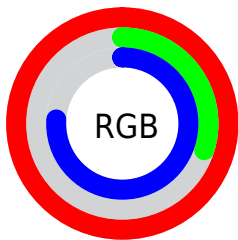
Format	Color
R_{YB}	255, 77, 193
Decimal	16731585
CIE _{Lab}	62.01, 76.62, -23.32
CIE _{LCh}	62, 80.089, 343.074
Yxy	30.4180, 0.3894, 0.2213
Android (android.graphics.Color)	4294921665 (0xFFFF4DC1)
YUV	143.4460, 24.4301, 97.8329
Hunter-Lab	55.1525, 76.6979, -18.9094

Details

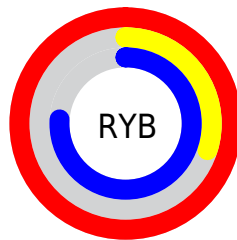
The XYZ color **53.5195, 30.4180, 53.5025** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **43.4823, 74.9626, 36.6074**, and the grayscale version is **26.1744, 27.5376, 29.9884**.

A 20% lighter version of the original color is **67.5838, 46.3391, 95.8248**, and **26.9083, 13.3334, 25.5815** is the 20% darker color. If you saturate the color by 10%, you get **51.1104, 27.1381, 47.9566**, and if you desaturate by 10%, it is **56.6885, 35.1221, 59.5959**.

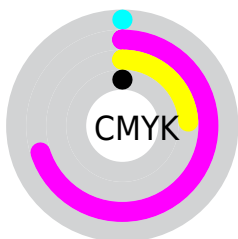
Distribution



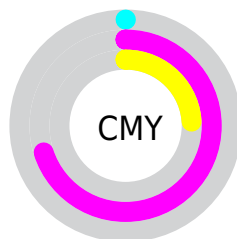
- Red (100%)
- Green (30%)
- Blue (76%)



- Red (100%)
- Yellow (30%)
- Blue (76%)



- Cyan (0%)
- Magenta (70%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5195, 30.4180, 53.5025 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 53.5195, 30.4180, 53.5025 by changing the saturation by 10% instead.


 53.5195, 30.4180,
53.5025


 53.5195, 30.4180,
53.5025

390.5034,
303.8480, 417.3309


 38.4468, 20.1561,
37.8136


 94.5294, 60.3226,
96.7924


 26.5084, 12.5085,
25.5373


 121.1973, 80.7341,
125.2305

 17.3390, 7.0910,
16.2552


 152.4610,
105.2975, 158.7554

 10.5733, 3.5191,
9.5486

 188.6858,
134.3973, 197.7856

 5.8459, 1.4084,
4.9990

230.2371,
168.4178, 242.7398

 2.7914, 0.2229,
2.1880

277.4802,

 1.0444, 0.0000,

207.7436, 294.0363

0.6674

330.7805,
252.7588, 352.0939

■ 0.0000, 0.0000,
0.0000

■ 53.5195, 30.4180,
53.5025

■ 53.5195, 30.4180,
53.5025

■ 51.1104, 27.1381,
47.9566

■ 56.6885, 35.1221,
59.5959

■ 49.3706, 25.1037,
42.9222

■ 60.6890, 41.3924,
66.2648


■ 48.1609, 24.0372,
38.3477

■ 65.5866, 49.3586,
73.5363

■ 48.1390, 24.0196,
38.2597

■ 71.4395, 59.1353,
81.4344

■ 78.3009, 70.8274,
89.9815

 86.2196, 84.5314,
99.1985

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.



45.4388, 30.4180, 97.8584



53.5195, 30.4180, 53.5025



54.0631, 30.4180, 21.4585

Triad

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



53.5195, 30.4180, 53.5025



24.4856, 30.4180, 2.4538



16.2946, 30.4180, 92.1823

Complementary

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



53.5195, 30.4180, 53.5025



43.4823, 74.9626, 36.6074

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.



13.0964, 30.4180, 48.3869



53.5195, 30.4180, 53.5025



16.9737, 30.4180, 5.9753

Square

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



53.5195, 30.4180, 53.5025



35.3522, 30.4180, 2.6399



13.3095, 30.4180, 18.7092



23.3046, 30.4180, 128.0832

Rectangle

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



53.5195, 30.4180, 53.5025



49.9066, 30.4180, 10.1885



13.3095, 30.4180, 18.7092



14.8259, 30.4180, 77.0340

Sweetspot

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



53.5203, 30.4195, 53.5030



77.4225, 69.3197, 88.9207



30.9133, 17.7920, 96.4126



16.1513, 14.1182, 18.5181



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.



53.5203, 30.4195, 53.5030



50.3038, 26.1432, 45.7819



46.5314, 27.6239, 16.7000



18.5082, 18.1866, 21.2931



25.2269, 12.5801, 20.3774



2.5079, 1.2455, 2.2562

Inverse Universe

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



53.5203, 30.4195, 53.5030



50.3038, 26.1432, 45.7819



52.4578, 78.5528, 83.8714



18.5082, 18.1866, 21.2931



25.2269, 12.5801, 20.3774



2.5079, 1.2455, 2.2562

Previews

White Background



This preview shows how the XYZ color 53.5195, 30.4180, 53.5025 looks on a white background.

Color Contrast Check

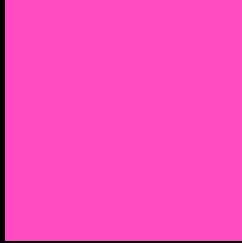
Large Text (above 18pt) WCAG AA × Fail

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 53.5195, 30.4180, 53.5025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

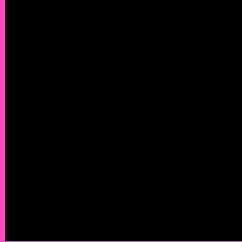
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5195, 30.4180, 53.5025

Background



This preview shows how black text looks on a background with the XYZ color 53.5195, 30.4180, 53.5025.

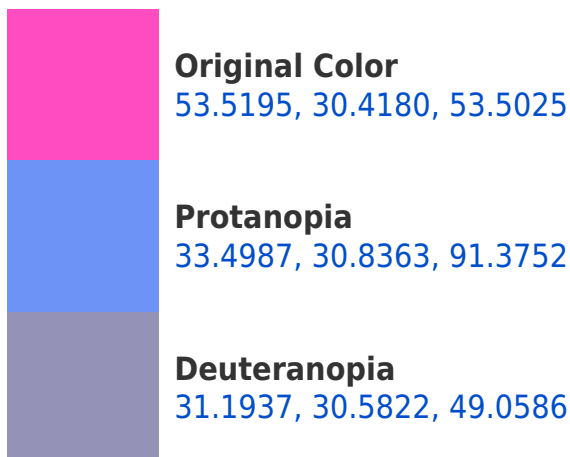


This preview shows how white text looks on a background with the XYZ color 53.5195, 30.4180,

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





Tritanopia

46.0719, 30.3465, 17.6166

Trichromacy



Original Color

53.5195, 30.4180, 53.5025



Protanomaly

35.9289, 27.2516, 76.0395



Deuteranomaly

36.4227, 28.0717, 50.5124



Tritanomaly

48.2710, 30.0276, 27.6778

Monochromacy



Original Color

53.5195, 30.4180, 53.5025



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

32.7970, 25.9572, 36.9999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5195, 30.4180, 53.5025 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, 77, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 193)  
}
```

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, 77, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.5195, 30.4180, 53.5025 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, 77, 193) }
```


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

```
.border{ border-color:rgb(255, 77, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5195, 30.4180, 53.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 193) }
```

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

```
.background{ background-color: rgb(255, 77,  
193) }
```

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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