

Converting Colors

XYZ(52.9160, 30.1208, 50.4961)

Have a look what the booklet for
XYZ(52.9160, 30.1208, 50.4961)
contains.

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Color

**XYZ(52.9710, 30.1986,
50.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DBC
RGB	255, 77, 188
RGB Percent	100%, 30%, 74%
CMY	0.0000, 0.6980, 0.2627
CMYK	0.00, 0.70, 0.26, 0.00
HSL	323°, 100%, 65%
HSV	323°, 70%, 100%
XYZ	52.9710, 30.1986, 50.6140
YIQ	142.8760, 70.4570, 72.2570

Conversions

Conversions Part 2

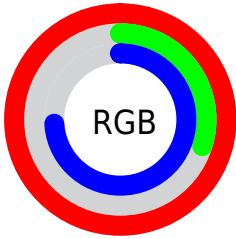
Format	Color
R _Y B	255, 77, 188
Decimal	16731580
CIE Lab	61.83, 76.02, -20.75
CIE LCh	62, 78.796, 344.733
Yxy	30.1986, 0.3959, 0.2257
Android (android.graphics.Color)	4294921660 (0xFFFF4DBC)
YUV	142.8760, 22.2461, 98.3327
Hunter-Lab	54.9533, 75.8930, -16.1410

Details

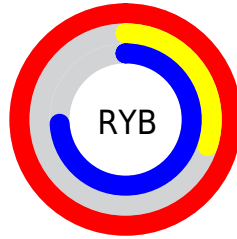
The XYZ color **52.9710, 30.1986, 50.6140** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **43.8562, 75.1121, 38.5762**, and the grayscale version is **25.9552, 27.3069, 29.7372**.

A 20% lighter version of the original color is **66.6576, 45.9686, 90.9475**, and **26.6213, 13.2186, 24.0700** is the 20% darker color. If you saturate the color by 10%, you get **50.5225, 26.9030, 44.8612**, and if you desaturate by 10%, it is **56.1886, 34.9222, 56.9633**.

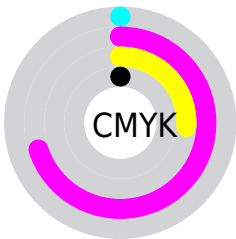
Distribution



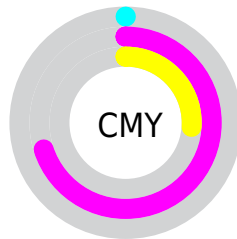
- Red (100%)
- Green (30%)
- Blue (74%)



- Red (100%)
- Yellow (30%)
- Blue (74%)



- Cyan (0%)
- Magenta (70%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9710, 30.1986, 50.6140 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 52.9710, 30.1986, 50.6140 by changing the saturation by 10% instead.


 52.9710, 30.1986,
50.6140


 52.9710, 30.1986,
50.6140

388.4365,
302.8291, 405.8659


 38.0070, 19.9894,
35.5269

 93.7275, 59.9761,
92.4896


 26.1654, 12.3873,
23.7823


 120.2507, 80.3132,
120.1152

 17.0807, 7.0080,
14.9615


 151.3576,
104.7950, 152.7574

 10.3877, 3.4671,
8.6460

 187.4137,
133.8060, 190.8347

 5.7210, 1.3802,
4.4174

228.7843,
167.7305, 234.7656

 2.7152, 0.2021,
1.8570

275.8347,

 1.0050, 0.0000,

206.9529, 284.9688

0.4652

328.9304,
251.8576, 341.8627

■ 0.0000, 0.0000,
0.0000

■ 52.9710, 30.1986,
50.6140

■ 52.9710, 30.1986,
50.6140

■ 50.5225, 26.9030,
44.8612

■ 56.1886, 34.9222,
56.9633

■ 48.7526, 24.8564,
39.6674

■ 60.2473, 41.2158,
63.9386

■ 47.5213, 23.7814,
34.9795

■ 65.2130, 49.2091,
71.5685

■ 47.4990, 23.7636,
34.8897

■ 71.1441, 59.0172,
79.8783

■ 78.0939, 70.7446,
88.8918

86.1119, 84.4884,
98.6312

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.



45.4214, 30.1986, 93.5853



52.9710, 30.1986, 50.6140



53.0444, 30.1986, 20.2399

Triad

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



52.9710, 30.1986, 50.6140



23.8601, 30.1986, 2.6523



16.5985, 30.1986, 92.8216

Complementary

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



52.9710, 30.1986, 50.6140



43.8562, 75.1121, 38.5762

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.



13.2488, 30.1986, 49.9227



52.9710, 30.1986, 50.6140



16.6911, 30.1986, 6.5101

Square

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



52.9710, 30.1986, 50.6140



34.3649, 30.1986, 2.6785



13.2780, 30.1986, 19.8652



23.6996, 30.1986, 126.3997

Rectangle

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



52.9710, 30.1986, 50.6140



48.7403, 30.1986, 9.6880



13.2780, 30.1986, 19.8652



15.0829, 30.1986, 78.1593

Sweetspot

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



52.9718, 30.2001, 50.6145



77.2044, 69.2325, 87.7721



31.9069, 18.3042, 96.4591



16.0993, 14.0974, 18.2439



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.



52.9718, 30.2001, 50.6145



49.7022, 25.9025, 42.6139



46.2310, 27.5038, 15.1180



18.4858, 18.1776, 21.1751



24.8941, 12.4469, 18.6249



2.4769, 1.2332, 2.0930

Inverse Universe

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



52.9718, 30.2001, 50.6145



49.7022, 25.9025, 42.6139



53.2831, 78.8829, 88.2176



18.4858, 18.1776, 21.1751



24.8941, 12.4469, 18.6249



2.4769, 1.2332, 2.0930

Previews

White Background



This preview shows how the XYZ color 52.9710, 30.1986, 50.6140 looks on a white background.

Color Contrast Check

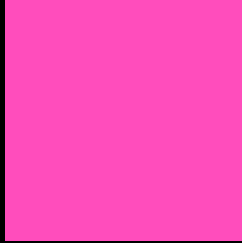
Large Text (above 18pt) WCAG AA × Fail

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 52.9710, 30.1986, 50.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

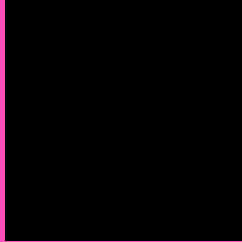
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9710, 30.1986, 50.6140

Background



This preview shows how black text looks on a background with the XYZ color 52.9710, 30.1986, 50.6140.



This preview shows how white text looks on a background with the XYZ color 52.9710, 30.1986,

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

52.9710, 30.1986, 50.6140

Protanopia

33.1013, 30.7361, 86.6261

Deuteranopia

30.8924, 30.2562, 46.3313



Tritanopia

45.8701, 30.1114, 17.0301

Trichromacy



Original Color

52.9710, 30.1986, 50.6140



Protanomaly

35.5277, 27.1389, 71.7724



Deuteranomaly

36.0199, 27.7435, 47.7125



Tritanomaly

48.0547, 29.9411, 26.5390

Monochromacy



Original Color

52.9710, 30.1986, 50.6140



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

32.6220, 25.8872, 36.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9710, 30.1986, 50.6140 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.9710, 30.1986, 50.6140 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, 188) }
```


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

```
.border{ border-color:rgb(255, 77, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9710, 30.1986, 50.6140 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, 188) }
```

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

```
.background{ background-color: rgb(255, 77,  
188) }
```

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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