

Converting Colors

XYZ(50.6845, 26.5947, 46.8641)

Have a look what the booklet for
XYZ(50.6845, 26.5947, 46.8641)
contains.

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Color

**XYZ(50.6605, 26.5914,
46.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2EB6
RGB	255, 46, 182
RGB Percent	100%, 18%, 71%
CMY	0.0000, 0.8195, 0.2863
CMYK	0.00, 0.82, 0.29, 0.00
HSL	321°, 100%, 59%
HSV	321°, 82%, 100%
XYZ	50.6605, 26.5914, 46.7185
YIQ	123.9950, 80.9080, 86.6040

Conversions

Conversions Part 2

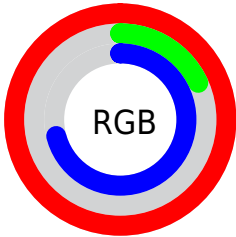
Format	Color
R _Y B	255, 46, 182
Decimal	16723638
CIE Lab	58.59, 83.87, -22.24
CIE LCh	59, 86.768, 345.150
Yxy	26.5914, 0.4086, 0.2145
Android (android.graphics.Color)	4294913718 (0xFFFF2EB6)
YUV	123.9950, 28.5965, 114.8914
Hunter-Lab	51.5668, 85.1207, -17.6187

Details

The XYZ color **50.6605, 26.5914, 46.7185** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **40.2183, 73.4336, 29.5125**, and the grayscale version is **19.0483, 20.0403, 21.8239**.

A 20% lighter version of the original color is **63.0339, 40.1556, 85.3175**, and **25.9548, 12.9224, 21.8952** is the 20% darker color. If you saturate the color by 10%, you get **49.0512, 24.7995, 41.7838**, and if you desaturate by 10%, it is **52.9201, 29.5901, 52.1593**.

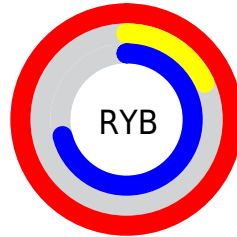
Distribution



Red (100%)

Green (18%)

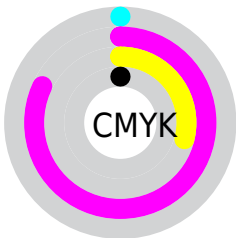
Blue (71%)



Red (100%)

Yellow (18%)

Blue (71%)

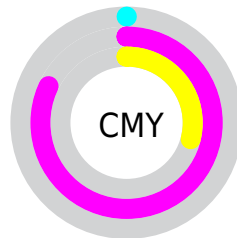


Cyan (0%)

Magenta (82%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (82%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6605, 26.5914, 46.7185 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 50.6605, 26.5914, 46.7185 by changing the saturation by 10% instead.


 50.6605, 26.5914,
46.7185

 50.6605, 26.5914,
46.7185


379.6527,
285.6733, 390.0510

 36.1584, 17.2666,
32.4604


 90.3387, 54.2275,
86.6389


 24.7273, 10.4247,
21.4457


 116.2456, 73.3076,
113.1382


 16.0016, 5.6815,
13.2558


 146.6848, 96.4082,
144.5551

 9.6162, 2.6524,
7.4721

 182.0216,
123.9138, 181.3080

 5.2055, 0.9531,
3.6762

 222.6215,
156.2086, 223.8155

 2.4043, 0.0000,
1.4494

268.8497,

 0.8473, 0.0000,

193.6773, 272.4961

0.1798

321.0717,
236.7040, 327.7684

■ 0.0000, 0.0000,
0.0000

■ 50.6605, 26.5914,
46.7185

■ 50.6605, 26.5914,
46.7185

■ 49.0512, 24.7995,
41.7838

■ 52.9201, 29.5901,
52.1593

■ 48.1161, 24.0105,
38.1393

■ 55.9201, 33.9741,
58.1408

■ 59.7376, 39.8962,
64.6939

■ 64.4392, 47.4879,
71.8459

■ 70.0844, 56.8666,
79.6212

■ 76.7272, 68.1388,
88.0427

■ 84.4176, 81.4030,
97.1317

■ 93.2021, 96.7505,
106.9079

■ 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.



42.7333, 26.5914, 93.0647



50.6605, 26.5914, 46.7185



50.6163, 26.5914, 16.1798

Triad

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



50.6605, 26.5914, 46.7185



20.2949, 26.5914, 1.2286



13.4159, 26.5914, 93.5389

Complementary

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



50.6605, 26.5914, 46.7185



40.2183, 73.4336, 29.5125

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.



10.2217, 26.5914, 47.1282



50.6605, 26.5914, 46.7185



13.3662, 26.5914, 4.1705

Square

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



50.6605, 26.5914, 46.7185



30.8894, 26.5914, 1.2189



10.2065, 26.5914, 16.3821



20.3846, 26.5914, 130.5657

Rectangle

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



50.6605, 26.5914, 46.7185



45.9679, 26.5914, 6.6232



10.2065, 26.5914, 16.3821



11.9639, 26.5914, 77.4925

Sweetspot

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



50.6612, 26.5928, 46.7190



74.5950, 64.4986, 85.4077



26.1875, 12.8664, 95.7110



15.4655, 12.9550, 17.6465



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.



50.6612, 26.5928, 46.7190



48.3360, 24.1870, 39.0240



43.6972, 23.8072, 10.0469



18.5074, 18.1863, 21.2889



25.2151, 12.5753, 20.3148



2.5068, 1.2451, 2.2504

Inverse Universe

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



50.6612, 26.5928, 46.7190



48.3360, 24.1870, 39.0240



49.8283, 77.2775, 80.1178



18.5074, 18.1863, 21.2889



25.2151, 12.5753, 20.3148



2.5068, 1.2451, 2.2504

Previews

White Background



This preview shows how the XYZ color 50.6605, 26.5914, 46.7185 looks on a white background.

Color Contrast Check

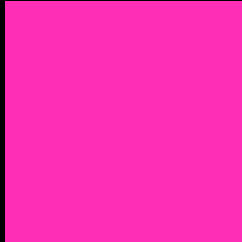
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6605, 26.5914, 46.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

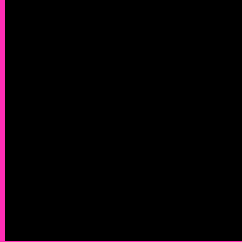
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.6605, 26.5914, 46.7185

Background



This preview shows how black text looks on a background with the XYZ color 50.6605, 26.5914, 46.7185.



This preview shows how white text looks on a background with the XYZ color 50.6605, 26.5914,

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

50.6605, 26.5914, 46.7185

Protanopia

30.3461, 27.1784, 92.4535

Deuteranopia

27.2544, 26.6927, 42.2438



Tritanopia

43.3335, 26.5132, 11.6377

Trichromacy



Original Color

50.6605, 26.5914, 46.7185



Protanomaly

31.2686, 22.0643, 73.1318



Deuteranomaly

32.0808, 23.1434, 43.3337



Tritanomaly

45.3020, 26.0240, 20.7246

Monochromacy



Original Color

50.6605, 26.5914, 46.7185



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

26.3070, 19.1807, 29.1038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6605, 26.5914, 46.7185 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, 46, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 182)  
}
```

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, 46, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.6605, 26.5914, 46.7185 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, 46, 182) }
```


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

```
.border{ border-color:rgb(255, 46, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6605, 26.5914, 46.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 182) }
```

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

```
.background{ background-color: rgb(255, 46,  
182) }
```

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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