

Converting Colors

XYZ(53.9821, 26.8455, 67.5228)

Have a look what the booklet for
XYZ(53.9821, 26.8455, 67.5228)
contains.

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Color

**XYZ(53.9411, 26.8307,
67.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	FF17D8
RGB	255, 23, 216
RGB Percent	100%, 9%, 85%
CMY	0.0000, 0.9097, 0.1529
CMYK	0.00, 0.91, 0.15, 0.00
HSL	310°, 100%, 55%
HSV	310°, 91%, 100%
XYZ	53.9411, 26.8307, 67.3016
YIQ	114.3700, 76.3190, 109.2070

Conversions

Conversions Part 2

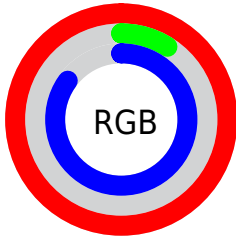
Format	Color
R _{YB}	255, 23, 216
Decimal	16717784
CIE _{Lab}	58.82, 91.48, -41.37
CIE _{LCh}	59, 100.397, 335.665
Yxy	26.8307, 0.3643, 0.1812
Android (android.graphics.Color)	4294907864 (0xFFFF17D8)
YUV	114.3700, 50.1036, 123.3325
Hunter-Lab	51.7984, 95.2369, -40.7766

Details

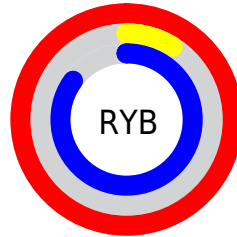
The XYZ color **53.9411, 26.8307, 67.3016** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36.9844, 72.0507, 16.5197**, and the grayscale version is **15.9485, 16.7791, 18.2724**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **28.4253, 13.9107, 34.9051** is the 20% darker color. If you saturate the color by 10%, you get **53.1399, 26.0200, 64.5939**, and if you desaturate by 10%, it is **55.2752, 28.6001, 70.5171**.

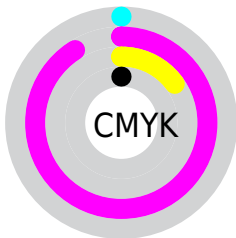
Distribution



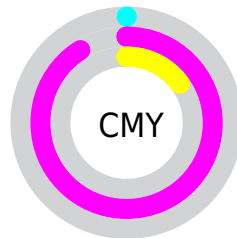
- Red (100%)
- Green (9%)
- Blue (85%)



- Red (100%)
- Yellow (9%)
- Blue (85%)



- Cyan (0%)
- Magenta (91%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (91%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9411, 26.8307, 67.3016 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 53.9411, 26.8307, 67.3016 by changing the saturation by 10% instead.


 53.9411, 26.8307,
67.3016


 53.9411, 26.8307,
67.3016

392.0874,
286.8365, 469.5483


 38.7851, 17.4461,
48.8666


 95.1452, 54.6121,
116.9972


 26.7725, 10.5531,
34.1488


 121.9239, 73.7777,
149.0949


 17.5382, 5.7672,
22.7297

 153.3075, 96.9724,
186.5840

 10.7166, 2.7040,
14.1906

 189.6615,
124.5806, 229.8829

 5.9425, 0.9792,
8.1131

 231.3511,
156.9867, 279.4103

 2.8505, 0.0000,
4.0786

278.7417,

 1.0752, 0.0000,

194.5751, 335.5846

1.6686

332.1987,
237.7302, 398.8244

■ 0.0042, 0.0000,
0.3391

■ 0.0000, 0.0000,
0.0000

■ 53.9411, 26.8307,
67.3016

■ 53.9411, 26.8307,
67.3016

■ 53.1399, 26.0200,
64.5939

■ 55.2752, 28.6001,
70.5171

■ 57.2235, 31.5747,
74.0089

■ 59.8759, 35.9340,
77.8078

■ 63.3068, 41.8267,
81.9392

67.5811, 49.3824,
86.4252

72.7568, 58.7169,
91.2855

78.8867, 69.9356,
96.5384

86.0195, 83.1357,
102.2005

94.2005, 98.4078,
108.2874

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.0615, 26.8307, 127.0613



53.9411, 26.8307, 67.3016



57.3041, 26.8307, 22.9852

Triad

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



53.9411, 26.8307, 67.3016



23.2224, 26.8307, 0.1050



10.6329, 26.8307, 89.7611

Complementary

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



53.9411, 26.8307, 67.3016



36.9844, 72.0507, 16.5197

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.



8.3848, 26.8307, 36.4774



53.9411, 26.8307, 67.3016



13.9832, 26.8307, 1.4520

Square

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



53.9411, 26.8307, 67.3016



36.6295, 26.8307, 0.6944



9.3741, 26.8307, 9.1566



16.8923, 26.8307, 145.8584

Rectangle

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



53.9411, 26.8307, 67.3016



53.5573, 26.8307, 8.5108



9.3741, 26.8307, 9.1566



9.4944, 26.8307, 69.8341

Sweetspot

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



53.9417, 26.8319, 67.3021



75.0724, 62.9378, 93.3221



20.3244, 8.8482, 95.2444



15.6402, 12.6901, 19.5989



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.



53.9417, 26.8319, 67.3021



53.1399, 26.0200, 64.5939



43.8644, 22.8010, 14.2357



18.6538, 18.2448, 22.0601



27.8152, 13.6154, 34.0067



2.7415, 1.3390, 3.4860

Inverse Universe

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



53.9417, 26.8319, 67.3021



53.1399, 26.0200, 64.5939



44.1175, 74.9039, 54.0822



18.6538, 18.2448, 22.0601



27.8152, 13.6154, 34.0067



2.7415, 1.3390, 3.4860

Previews

White Background



This preview shows how the XYZ color 53.9411, 26.8307, 67.3016 looks on a white background.

Color Contrast Check

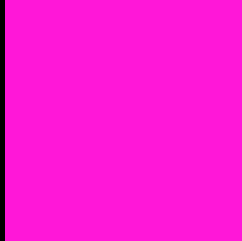
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9411, 26.8307, 67.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

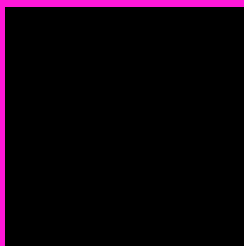
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.9411, 26.8307, 67.3016

Background



This preview shows how black text looks on a background with the XYZ color 53.9411, 26.8307, 67.3016.



This preview shows how white text looks on a background with the XYZ color 53.9411, 26.8307,

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

53.9411, 26.8307, 67.3016

Protanopia

30.7946, 27.2818, 98.2506

Deuteranopia

27.9121, 27.2835, 60.2950



Tritanopia

42.6482, 26.8222, 13.0546

Trichromacy



Original Color

53.9411, 26.8307, 67.3016



Protanomaly

31.9141, 20.8276, 85.5572



Deuteranomaly

31.9013, 21.6143, 62.1651



Tritanomaly

45.0602, 25.4294, 26.2003

Monochromacy



Original Color

53.9411, 26.8307, 67.3016



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

24.0454, 16.1186, 31.1220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9411, 26.8307, 67.3016 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, 23, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 216)  
}
```

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, 23, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.9411, 26.8307, 67.3016 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, 23, 216) }
```


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

```
.border{ border-color:rgb(255, 23, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9411, 26.8307, 67.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 216) }
```

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

```
.background{ background-color: rgb(255, 23,  
216) }
```

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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