

Converting Colors

XYZ(52.6519, 26.2893, 65.9176)

Have a look what the booklet for
XYZ(52.6519, 26.2893, 65.9176)
contains.

XYZ(52.6519, 26.2893, 65.9176)	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(52.6519, 26.2893,
65.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1AD6
RGB	252, 26, 214
RGB Percent	99%, 10%, 84%
CMY	0.0118, 0.8979, 0.1608
CMYK	0.00, 0.90, 0.15, 0.01
HSL	310°, 97%, 55%
HSV	310°, 90%, 99%
XYZ	52.6519, 26.2893, 65.9176
YIQ	115.0060, 74.3480, 106.3800

Conversions

Conversions Part 2

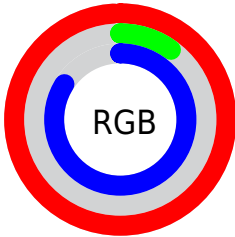
Format	Color
R _Y B	252, 26, 214
Decimal	16521942
CIE Lab	58.31, 90.34, -41.07
CIE LCh	58, 99.234, 335.552
Yxy	26.2893, 0.3635, 0.1815
Android (android.graphics.Color)	4294712022 (0xFFFC1AD6)
YUV	115.0060, 48.8040, 120.1437
Hunter-Lab	51.2731, 93.5722, -40.3331

Details

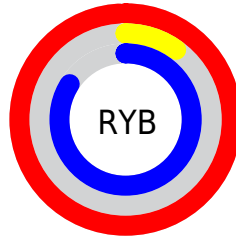
The XYZ color **52.6519, 26.2893, 65.9176** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36.1635, 70.2118, 16.5007**, and the grayscale version is **16.1431, 16.9838, 18.4954**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **27.4932, 13.4504, 33.9480** is the 20% darker color. If you saturate the color by 10%, you get **51.7575, 25.3549, 62.9839**, and if you desaturate by 10%, it is **54.0250, 28.1575, 69.0807**.

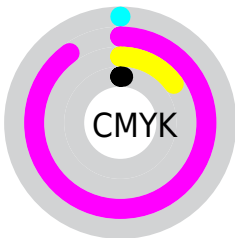
Distribution



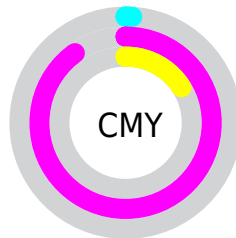
- Red (99%)
- Green (10%)
- Blue (84%)



- Red (99%)
- Yellow (10%)
- Blue (84%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (90%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6519, 26.2893, 65.9176 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 52.6519, 26.2893, 65.9176 by changing the saturation by 10% instead.


 52.6519, 26.2893,
65.9176

 52.6519, 26.2893,
65.9176

387.2309,
284.1994, 464.4783


 37.7513, 17.0402,
47.7495

 93.2605, 53.7413,
114.9939


 25.9661, 10.2632,
33.2699


 119.6992, 72.7130,
146.7392


 16.9308, 5.5738,
22.0605

 150.7147, 95.6943,
183.8473

 10.2802, 2.5877,
13.7026

 186.6723,
123.0696, 226.7366

 5.6488, 0.9205,
7.7777

 227.9374,
155.2234, 275.8259

 2.6713, 0.0000,
3.8673

274.8752,

 0.9824, 0.0000,

192.5401, 331.5336

1.5529

327.8513,
235.4039, 394.2782

■ 0.0000, 0.0000,
0.2568

■ 0.0000, 0.0000,
0.0000

■ 52.6519, 26.2893,
65.9176

■ 52.6519, 26.2893,
65.9176

■ 51.7575, 25.3549,
62.9839

■ 54.0250, 28.1575,
69.0807

■ 51.7312, 25.3300,
62.8899

■ 56.0078, 31.2230,
72.5168

■ 58.6856, 35.6554,
76.2550

■ 62.1292, 41.5964,
80.3196

66.4005, 49.1699,
84.7315

71.5554, 58.4869,
89.5100

77.6443, 69.6487,
94.6723

84.7143, 82.7488,
100.2345

92.8089, 97.8743,
106.2118

Harmonies

Analogous

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



41.0691, 26.2893, 123.9983



52.6519, 26.2893, 65.9176



55.9623, 26.2893, 22.6596

Triad

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



52.6519, 26.2893, 65.9176



22.8069, 26.2893, 0.1236



10.4550, 26.2893, 87.3276

Complementary

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



52.6519, 26.2893, 65.9176



36.1635, 70.2118, 16.5007

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.



8.2673, 26.2893, 35.5540



52.6519, 26.2893, 65.9176



13.7702, 26.2893, 1.4482

Square

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



52.6519, 26.2893, 65.9176



35.8837, 26.2893, 0.7131



9.2477, 26.2893, 8.9788



16.5554, 26.2893, 141.8971

Rectangle

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



52.6519, 26.2893, 65.9176



52.3416, 26.2893, 8.4529



9.2477, 26.2893, 8.9788



9.3455, 26.2893, 67.9647

Sweetspot

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



52.6528, 26.2906, 65.9181



75.0720, 62.9376, 93.3200



20.0350, 8.8479, 92.7481



15.6401, 12.6901, 19.5984



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.



52.6528, 26.2906, 65.9181



53.1386, 26.0194, 64.5873



42.8814, 22.3821, 14.4624



17.8603, 17.4715, 21.1203



26.9950, 13.2137, 33.0115



2.5323, 1.2367, 3.2266

Inverse Universe

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



52.6528, 26.2906, 65.9181



53.1386, 26.0194, 64.5873



43.1409, 73.0028, 53.2431



17.8603, 17.4715, 21.1203



26.9950, 13.2137, 33.0115



2.5323, 1.2367, 3.2266

Previews

White Background



This preview shows how the XYZ color 52.6519, 26.2893, 65.9176 looks on a white background.

Color Contrast Check

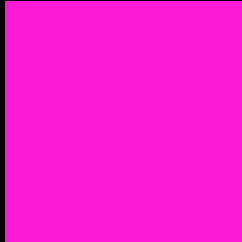
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6519, 26.2893, 65.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

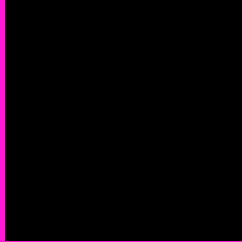
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.6519, 26.2893, 65.9176

Background



This preview shows how black text looks on a background with the XYZ color 52.6519, 26.2893, 65.9176.



This preview shows how white text looks on a background with the XYZ color 52.6519, 26.2893,

65.9176.

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

52.6519, 26.2893, 65.9176

Protanopia

30.3890, 26.8607, 98.1907

Deuteranopia

27.2464, 26.5338, 58.9438



Tritanopia

41.6156, 26.2899, 13.0063

Trichromacy



Original Color

52.6519, 26.2893, 65.9176



Protanomaly

31.3306, 20.6803, 84.7785



Deuteranomaly

31.4446, 21.4071, 60.8672



Tritanomaly

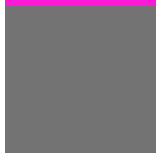
43.9904, 24.9706, 25.7938

Monochromacy



Original Color

52.6519, 26.2893, 65.9176



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

24.1962, 16.4202, 31.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6519, 26.2893, 65.9176 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(252, 26, 214)` looks like.

```
.text, #text, p{  
    color:rgb(252, 26, 214)  
}
```

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(252, 26, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 26, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.6519, 26.2893, 65.9176 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(252, 26, 214) }
```


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

```
.border{ border-color:rgb(252, 26, 214) }
```

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

Here you see how a box with a 4 pixel rgb(252, 26, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 26, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 26, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 26,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6519, 26.2893, 65.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 26, 214) }
```

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

```
.background{ background-color: rgb(252, 26,  
214) }
```

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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