

Converting Colors

XYZ(52.8184, 26.5941, 60.7348)

Have a look what the booklet for
XYZ(52.8184, 26.5941, 60.7348)
contains.

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Color

**XYZ(52.8199, 26.5950,
60.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1DCE
RGB	255, 29, 206
RGB Percent	100%, 11%, 81%
CMY	0.0000, 0.8862, 0.1922
CMYK	0.00, 0.89, 0.19, 0.00
HSL	313°, 100%, 56%
HSV	313°, 89%, 100%
XYZ	52.8199, 26.5950, 60.7419
YIQ	116.7520, 77.8790, 102.9590

Conversions

Conversions Part 2

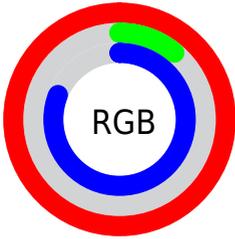
Format	Color
R _Y B	255, 29, 206
Decimal	16719310
CIE Lab	58.60, 89.54, -36.03
CIE LCh	59, 96.511, 338.082
Yxy	26.5950, 0.3769, 0.1898
Android (android.graphics.Color)	4294909390 (0xFFFF1DCE)
YUV	116.7520, 43.9993, 121.2435
Hunter-Lab	51.5703, 92.5770, -33.7352

Details

The XYZ color **52.8199, 26.5950, 60.7419** is a light color, and the websafe version is hex **FF00CC**, and the color name is **hot magenta**. The color can be described as light washed magenta. A complement of this color would be **37.6436, 72.3320, 19.1902**, and the grayscale version is **16.6880, 17.5570, 19.1196**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **27.5782, 13.5718, 30.4442** is the 20% darker color. If you saturate the color by 10%, you get **51.7587, 25.5287, 57.1322**, and if you desaturate by 10%, it is **54.4082, 28.6774, 64.6444**.

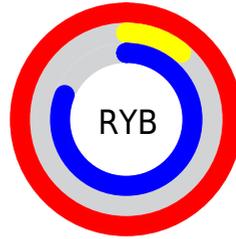
Distribution



Red (100%)

Green (11%)

Blue (81%)



Red (100%)

Yellow (11%)

Blue (81%)

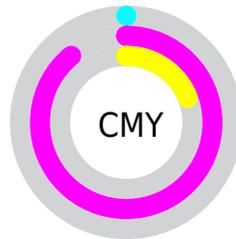


Cyan (0%)

Magenta (89%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8199, 26.5950, 60.7419 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 52.8199, 26.5950, 60.7419 by changing the saturation by 10% instead.

 52.8199, 26.5950,
60.7419

 52.8199, 26.5950,
60.7419

387.8659,
285.6908, 445.2074

 37.8859, 17.2693,
43.5877

 93.5064, 54.2333,
107.4590

 26.0710, 10.4267,
30.0117

 119.9896, 73.3146,
137.8590

 17.0097, 5.6828,
19.5953

 151.0533, 96.4167,
173.5114

 10.3368, 2.6532,
11.9201

 187.0628,
123.9238, 214.8346

 5.6868, 0.9535,
6.5674

 228.3834,
156.2204, 262.2473

 2.6944, 0.0000,
3.1188

275.3806,

 0.9943, 0.0000,

193.6908, 316.1680

1.1556

328.4197,
236.7195, 377.0151

■ 0.0000, 0.0000,
0.0000

■ 52.8199, 26.5950,
60.7419

■ 52.8199, 26.5950,
60.7419

■ 51.7587, 25.5287,
57.1322

■ 54.4082, 28.6774,
64.6444

■ 51.6310, 25.4164,
56.6483

■ 56.6427, 32.0141,
68.8799

■ 59.6093, 36.7763,
73.4783

■ 63.3799, 43.1078,
78.4647

■ 68.0177, 51.1344,
83.8614

73.5795, 60.9693,
89.6884

80.1172, 72.7160,
95.9640

87.6788, 86.4699,
102.7053

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.



42.0764, 26.5950, 116.5409



52.8199, 26.5950, 60.7419



55.1734, 26.5950, 20.7252

Triad

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



52.8199, 26.5950, 60.7419



22.2107, 26.5950, 0.3830



11.2611, 26.5950, 90.6446

Complementary

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



52.8199, 26.5950, 60.7419



37.6436, 72.3320, 19.1902

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.



8.7758, 26.5950, 39.1235



52.8199, 26.5950, 60.7419



13.6773, 26.5950, 1.9864

Square

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



52.8199, 26.5950, 60.7419



34.7615, 26.5950, 0.8036



9.4956, 26.5950, 10.8040



17.6979, 26.5950, 141.3021

Rectangle

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



52.8199, 26.5950, 60.7419



51.1470, 26.5950, 7.8343



9.4956, 26.5950, 10.8040



10.0445, 26.5950, 71.7595

Sweetspot

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



52.8206, 26.5963, 60.7424



74.5692, 62.7365, 90.6723



21.6309, 9.7192, 95.3437



15.5200, 12.6420, 18.9659



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.



52.8206, 26.5963, 60.7424



51.6310, 25.4164, 56.6483



43.6581, 22.9313, 12.4933



18.6141, 18.2290, 21.8510



27.0361, 13.3037, 29.9041



2.6723, 1.3113, 3.1216

Inverse Universe

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



52.8206, 26.5963, 60.7424



51.6310, 25.4164, 56.6483



45.6686, 75.5421, 61.4495



18.6141, 18.2290, 21.8510



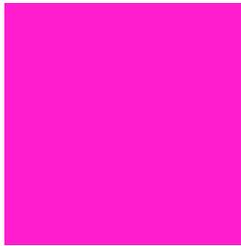
27.0361, 13.3037, 29.9041



2.6723, 1.3113, 3.1216

Previews

White Background



This preview shows how the XYZ color 52.8199, 26.5950, 60.7419 looks on a white background.

Color Contrast Check

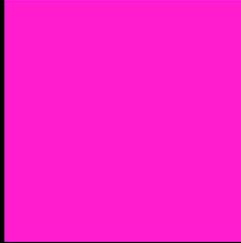
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8199, 26.5950, 60.7419 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 52.8199, 26.5950, 60.7419

Background



This preview shows how black text looks on a background with the XYZ color 52.8199, 26.5950, 60.7419.



This preview shows how white text looks on a background with the XYZ color 52.8199, 26.5950,

60.7419.

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

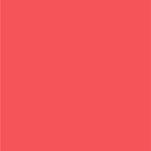
52.8199, 26.5950, 60.7419

Protanopia

30.7058, 27.2360, 98.2464

Deuteranopia

27.3157, 26.6755, 54.1613



Tritanopia

42.6297, 26.4744, 12.3144

Trichromacy



Original Color

52.8199, 26.5950, 60.7419



Protanomaly

31.5078, 20.9608, 82.5060



Deuteranomaly

31.6681, 21.7716, 55.9593



Tritanomaly

45.0652, 25.4725, 24.3713

Monochromacy



Original Color

52.8199, 26.5950, 60.7419



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

24.6097, 16.8824, 30.3953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8199, 26.5950, 60.7419 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, 29, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 206)  
}
```

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, 29, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.8199, 26.5950, 60.7419 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, 29, 206) }
```

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

```
.border{ border-color:rgb(255, 29, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 29, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8199, 26.5950, 60.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 206) }
```

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

```
.background{ background-color: rgb(255, 29,  
206) }
```

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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