

Converting Colors

XYZ(52.9733, 25.9484, 86.2170)

Have a look what the booklet for
XYZ(52.9733, 25.9484, 86.2170)
contains.

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Color

**XYZ(52.9716, 25.9413,
86.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	F218F2
RGB	242, 24, 242
RGB Percent	95%, 9%, 95%
CMY	0.0510, 0.9058, 0.0510
CMYK	0.00, 0.90, 0.00, 0.05
HSL	300°, 89%, 52%
HSV	300°, 90%, 95%
XYZ	52.9716, 25.9413, 86.2197
YIQ	114.0340, 59.9500, 114.0140

Conversions

Conversions Part 2

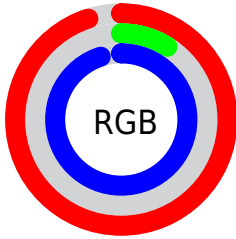
Format	Color
R _{YB}	242, 24, 242
Decimal	15866098
CIE _{Lab}	57.98, 92.59, -57.48
CIE _{LCh}	58, 108.976, 328.168
Yxy	25.9413, 0.3208, 0.1571
Android (android.graphics.Color)	4294056178 (0xFFFF218F2)
YUV	114.0340, 63.0872, 112.2262
Hunter-Lab	50.9326, 96.5139, -64.7144

Details

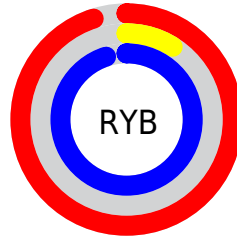
The XYZ color **52.9716, 25.9413, 86.2197** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32.2949, 63.7657, 11.4713**, and the grayscale version is **15.8126, 16.6361, 18.1167**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **27.8130, 13.3265, 47.0053** is the 20% darker color. If you saturate the color by 10%, you get **52.6456, 25.2884, 86.1111**, and if you desaturate by 10%, it is **53.7116, 27.4204, 86.4666**.

Distribution



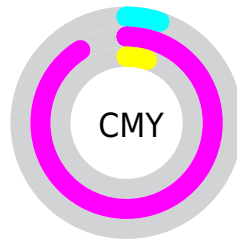
- Red (95%)
- Green (9%)
- Blue (95%)



- Red (95%)
- Yellow (9%)
- Blue (95%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9716, 25.9413, 86.2197 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 52.9716, 25.9413, 86.2197 by changing the saturation by 10% instead.


 52.9716, 25.9413,
86.2197


 52.9716, 25.9413,
86.2197


388.4388,
282.4938, 535.9048


 38.0075, 16.7797,
64.2937

 93.7284, 53.1802,
143.9653


 26.1657, 10.0776,
46.4409


 120.2517, 72.0264,
180.6220

 17.0810, 5.4504,
32.2427


 151.3588, 94.8695,
223.0260

 10.3879, 2.5139,
21.2806

 187.4151,
122.0940, 271.5959

 5.7211, 0.8836,
13.1360

 228.7859,
154.0843, 326.7502

 2.7153, 0.0000,
7.3905

275.8365,

 1.0051, 0.0000,

191.2248, 388.9074

3.6253

328.9324,
233.8998, 458.4861

■ 0.0000, 0.0000,
1.4221

■ 0.0000, 0.0000,
0.1589

■ 52.9716, 25.9413,
86.2197

■ 52.9716, 25.9413,
86.2197

■ 52.6456, 25.2884,
86.1111

■ 53.7116, 27.4204,
86.4666

■ 54.9903, 29.9778,
86.8930

■ 56.8855, 33.7680,
87.5248

■ 59.4614, 38.9199,
88.3835

62.7744, 45.5459,
89.4879

66.8750, 53.7471,
90.8549

71.8092, 63.6153,
92.4997

77.6193, 75.2356,
94.4365

84.3451, 88.6871,
96.6785

Harmonies

Analogous

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



38.6176, 25.9413, 152.2027



52.9716, 25.9413, 86.2197



59.5340, 25.9413, 30.6242

Triad

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



52.9716, 25.9413, 86.2197



25.4735, 25.9413, 0.0000



8.4113, 25.9413, 78.0553

Complementary

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



52.9716, 25.9413, 86.2197



32.2949, 63.7657, 11.4713

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.



7.0383, 25.9413, 25.9936



52.9716, 25.9413, 86.2197



14.5452, 25.9413, 0.2725

Square

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



52.9716, 25.9413, 86.2197



40.5366, 25.9413, 0.5161



8.8121, 25.9413, 4.6837



13.5826, 25.9413, 145.1984

Rectangle

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



52.9716, 25.9413, 86.2197



57.3173, 25.9413, 11.1521



8.8121, 25.9413, 4.6837



7.5930, 25.9413, 57.3654

Sweetspot

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



52.9727, 25.9425, 86.2202



76.8805, 63.6610, 102.8432



16.7315, 7.2595, 84.5250



16.0744, 12.8638, 21.8856



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.



52.9727, 25.9425, 86.2202



59.2898, 28.4799, 96.9789



41.1800, 21.2254, 24.1209



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Inverse Universe

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



52.9727, 25.9425, 86.2202



59.2898, 28.4799, 96.9789



36.3642, 65.3934, 32.9000



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 52.9716, 25.9413, 86.2197 looks on a white background.

Color Contrast Check

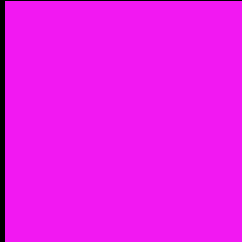
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9716, 25.9413, 86.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

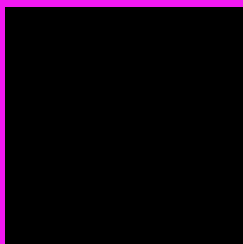
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.9716, 25.9413, 86.2197

Background



This preview shows how black text looks on a background with the XYZ color 52.9716, 25.9413, 86.2197.



This preview shows how white text looks on a background with the XYZ color 52.9716, 25.9413,

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

52.9716, 25.9413, 86.2197

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.1280, 26.2889, 77.0433



Tritanopia

38.4014, 25.8596, 15.7994

Trichromacy



Original Color

52.9716, 25.9413, 86.2197



Protanomaly

31.8288, 20.4898, 92.7199



Deuteranomaly

30.2310, 20.3693, 79.4291



Tritanomaly

41.3016, 23.8692, 33.0022

Monochromacy



Original Color

52.9716, 25.9413, 86.2197



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

24.0734, 16.0351, 35.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9716, 25.9413, 86.2197 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(242, 24, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 24, 242)  
}
```

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(242, 24, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 24, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.9716, 25.9413, 86.2197 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(242, 24, 242) }
```


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

```
.border{ border-color:rgb(242, 24, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 24, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 24, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 24, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 24,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9716, 25.9413, 86.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 24, 242) }
```

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

```
.background{ background-color: rgb(242, 24,  
242) }
```

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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