

Converting Colors

XYZ(52.1394, 25.4059, 68.9884)

Have a look what the booklet for
XYZ(52.1394, 25.4059, 68.9884)
contains.

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Color

**XYZ(52.2105, 25.4385,
69.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	FA00DB
RGB	250, 0, 219
RGB Percent	98%, 0%, 86%
CMY	0.0196, 0.9998, 0.1412
CMYK	0.00, 1.00, 0.12, 0.02
HSL	307°, 100%, 49%
HSV	307°, 100%, 98%
XYZ	52.2105, 25.4385, 69.1761
YIQ	99.7160, 78.7010, 121.1090

Conversions

Conversions Part 2

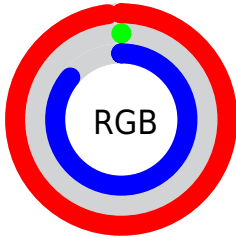
Format	Color
RYB	250, 0, 219
Decimal	16384219
CIELab	57.50, 92.68, -45.21
CIELCh	58, 103.118, 333.996
Yxy	25.4385, 0.3556, 0.1733
Android (android.graphics.Color)	4294574299 (0xFFFA00DB)
YUV	99.7160, 58.8070, 131.7991
Hunter-Lab	50.4366, 96.5140, -46.0133

Details

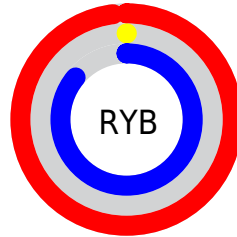
The XYZ color **52.2105, 25.4385, 69.1761** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **34.4346, 68.4713, 12.7014**, and the grayscale version is **11.8901, 12.5093, 13.6227**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **27.3499, 13.3357, 35.7829** is the 20% darker color. If you saturate the color by 10%, you get **52.2100, 25.4383, 69.1719**, and if you desaturate by 10%, it is **52.9718, 26.3010, 71.4629**.

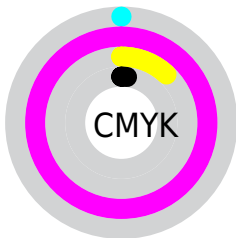
Distribution



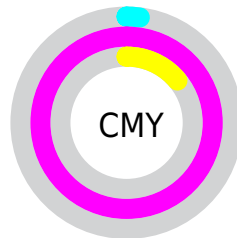
- Red (98%)
- Green (0%)
- Blue (86%)



- Red (98%)
- Yellow (0%)
- Blue (86%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2105, 25.4385, 69.1761 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 52.2105, 25.4385, 69.1761 by changing the saturation by 10% instead.


 52.2105, 25.4385,
69.1761


 52.2105, 25.4385,
69.1761


385.5593,
280.0147, 476.3626


 37.3978, 16.4041,
50.3825


 92.6140, 52.3677,
119.7031


 25.6908, 9.8105,
35.3441


 118.9355, 71.0313,
152.2736


 16.7239, 5.2735,
23.6424


 149.8241, 93.6733,
190.2735

 10.1319, 2.4086,
14.8588

 185.6450,
120.6782, 234.1213

 5.5494, 0.8303,
8.5748

 226.7636,
152.4304, 284.2356

 2.6111, 0.0000,
4.3719

273.5453,

 0.9516, 0.0000,

189.3143, 341.0349

1.8315

326.3554,
231.7143, 404.9377

■ 0.0000, 0.0000,
0.4486

■ 0.0000, 0.0000,
0.0000

■ 52.2105, 25.4385,
69.1761

■ 52.2105, 25.4385,
69.1761

■ 52.2100, 25.4383,
69.1719

■ 52.9718, 26.3010,
71.4629

■ 54.1857, 28.0571,
73.9382

■ 55.9899, 30.9817,
76.6482

■ 58.4677, 35.2410,
79.6208

61.6888, 40.9743,
82.8794

65.7140, 48.3036,
86.4447

70.5981, 57.3380,
90.3349

76.3909, 68.1772,
94.5668

83.1384, 80.9130,
99.1561

Harmonies

Analogous

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



39.9277, 25.4385, 130.0791



52.2105, 25.4385, 69.1761



56.2053, 25.4385, 23.2480

Triad

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



52.2105, 25.4385, 69.1761



22.5702, 25.4385, 0.0000



9.4116, 25.4385, 85.3147

Complementary

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



52.2105, 25.4385, 69.1761



34.4346, 68.4713, 12.7014

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.



7.4461, 25.4385, 32.6829



52.2105, 25.4385, 69.1761



13.2343, 25.4385, 0.9541

Square

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



52.2105, 25.4385, 69.1761



36.0769, 25.4385, 0.4516



8.5614, 25.4385, 7.3719



15.2344, 25.4385, 143.7470

Rectangle

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



52.2105, 25.4385, 69.1761



52.7966, 25.4385, 8.2963



8.5614, 25.4385, 7.3719



8.3876, 25.4385, 65.2993

Sweetspot

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



52.2114, 25.4398, 69.1766



73.8198, 59.9240, 94.4722



17.7688, 7.1676, 90.8902



15.3152, 11.9253, 19.8444



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.



52.2114, 25.4398, 69.1766



54.6096, 26.6079, 72.3335



41.5304, 21.1674, 12.9308



17.8949, 17.4853, 21.3024



27.7304, 13.5079, 36.8844



2.5935, 1.2611, 3.5489

Inverse Universe

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



52.2114, 25.4398, 69.1766



54.6096, 26.6079, 72.3335



40.0349, 70.7114, 42.1923



17.8949, 17.4853, 21.3024



27.7304, 13.5079, 36.8844



2.5935, 1.2611, 3.5489

Previews

White Background



This preview shows how the XYZ color 52.2105, 25.4385, 69.1761 looks on a white background.

Color Contrast Check

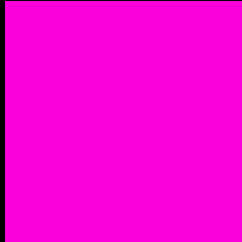
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.2105, 25.4385, 69.1761 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 52.2105, 25.4385, 69.1761

Background



This preview shows how black text looks on a background with the XYZ color 52.2105, 25.4385, 69.1761.



This preview shows how white text looks on a background with the XYZ color 52.2105, 25.4385,

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

52.2105, 25.4385, 69.1761

Protanopia

29.9147, 26.4061, 98.1280

Deuteranopia

26.6595, 25.9482, 61.9959



Tritanopia

40.4760, 25.5881, 12.7032

Trichromacy



Original Color

52.2105, 25.4385, 69.1761



Protanomaly

30.2504, 18.8026, 86.0393



Deuteranomaly

29.9455, 19.2597, 63.7672



Tritanomaly

42.5716, 23.4446, 26.3262

Monochromacy



Original Color

52.2105, 25.4385, 69.1761



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.3089, 12.6185, 27.3518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2105, 25.4385, 69.1761 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(250, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 219)  
}
```

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(250, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.2105, 25.4385, 69.1761 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(250, 0, 219) }
```


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

```
.border{ border-color:rgb(250, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2105, 25.4385, 69.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 219) }
```

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

```
.background{ background-color: rgb(250, 0,  
219) }
```

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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