

Converting Colors

XYZ(52.1392, 25.8111, 58.7339)

Have a look what the booklet for
XYZ(52.1392, 25.8111, 58.7339)
contains.

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Color

**XYZ(52.1392, 25.8111,
58.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0BCB
RGB	255, 11, 203
RGB Percent	100%, 4%, 80%
CMY	0.0000, 0.9567, 0.2039
CMYK	0.00, 0.96, 0.20, 0.00
HSL	313°, 100%, 52%
HSV	313°, 96%, 100%
XYZ	52.1392, 25.8111, 58.7339
YIQ	105.8440, 83.7920, 111.4400

Conversions

Conversions Part 2

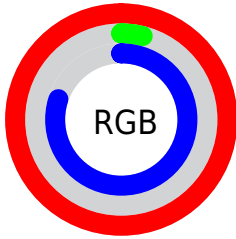
Format	Color
R _Y B	255, 11, 203
Decimal	16714699
CIE Lab	57.86, 90.95, -35.47
CIE LCh	58, 97.623, 338.697
Yxy	25.8111, 0.3815, 0.1888
Android (android.graphics.Color)	4294904779 (0xFFFF0BCB)
YUV	105.8440, 47.8979, 130.8098
Hunter-Lab	50.8046, 94.2809, -32.9804

Details

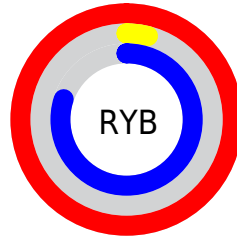
The XYZ color **52.1392, 25.8111, 58.7339** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.7972, 71.9509, 16.6583**, and the grayscale version is **13.5218, 14.2260, 15.4921**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **27.3376, 13.4756, 29.1772** is the 20% darker color. If you saturate the color by 10%, you get **51.7409, 25.4604, 57.2270**, and if you desaturate by 10%, it is **53.3265, 27.1308, 62.3822**.

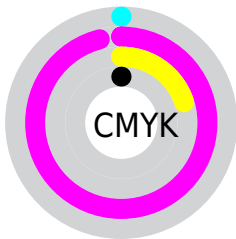
Distribution



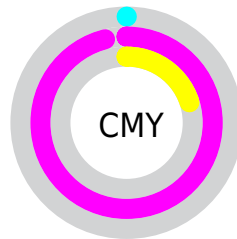
- Red (100%)
- Green (4%)
- Blue (80%)



- Red (100%)
- Yellow (4%)
- Blue (80%)



- Cyan (0%)
- Magenta (96%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1392, 25.8111, 58.7339 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 52.1392, 25.8111, 58.7339 by changing the saturation by 10% instead.


 52.1392, 25.8111,
58.7339


 52.1392, 25.8111,
58.7339


385.2889,
281.8535, 437.5895


 37.3408, 16.6824,
41.9803


 92.5095, 52.9700,
104.5161


 25.6463, 10.0083,
28.7604


 118.8121, 71.7691,
134.3819


 16.6905, 5.4045,
18.6557


 149.6801, 94.5603,
169.4555

 10.1080, 2.4865,
11.2474

 185.4789,
121.7281, 210.1554

 5.5335, 0.8699,
6.1173

 226.5738,
153.6570, 256.9002

 2.6015, 0.0000,
2.8466

273.3302,

 0.9467, 0.0000,

190.7312, 310.1085

1.0168

326.1134,
233.3353, 370.1987

■ 0.0000, 0.0000,
0.0000

■ 52.1392, 25.8111,
58.7339

■ 52.1392, 25.8111,
58.7339

■ 51.7409, 25.4604,
57.2270

■ 53.3265, 27.1308,
62.3822

■ 55.0865, 29.5591,
66.3343

■ 57.5195, 33.2964,
70.6251

■ 60.7061, 38.5035,
75.2824

■ 64.7155, 45.3182,
80.3303

■ 69.6085, 53.8623,
85.7903

■ 75.4405, 64.2459,
91.6819

■ 82.2621, 76.5697,
98.0228

■ 90.1201, 90.9275,
104.8298

Harmonies

Analogous

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



41.5210, 25.8111, 114.7537



52.1392, 25.8111, 58.7339



54.2883, 25.8111, 19.4196

Triad

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



52.1392, 25.8111, 58.7339



21.2759, 25.8111, 0.2274



10.7977, 25.8111, 90.9778

Complementary

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



52.1392, 25.8111, 58.7339



36.7972, 71.9509, 16.6583

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.



8.3024, 25.8111, 39.0541



52.1392, 25.8111, 58.7339



12.9548, 25.8111, 1.8213

Square

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



52.1392, 25.8111, 58.7339



33.6795, 25.8111, 0.6153



8.9410, 25.8111, 10.5546



17.2128, 25.8111, 141.5761

Rectangle

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



52.1392, 25.8111, 58.7339



50.1323, 25.8111, 7.0904



8.9410, 25.8111, 10.5546



9.5834, 25.8111, 71.9678

Sweetspot

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



52.1398, 25.8123, 58.7343



73.3891, 60.5741, 89.6691



20.0240, 8.4162, 95.1768



15.1801, 12.0256, 18.6569



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.



52.1398, 25.8123, 58.7343



51.7409, 25.4604, 57.2270



42.9697, 22.1443, 10.4453



18.6171, 18.2301, 21.8667



27.0929, 13.3264, 30.2031



2.6773, 1.3133, 3.1483

Inverse Universe

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



52.1398, 25.8123, 58.7343



51.7409, 25.4604, 57.2270



44.3230, 74.9612, 56.2886



18.6171, 18.2301, 21.8667



27.0929, 13.3264, 30.2031



2.6773, 1.3133, 3.1483

Previews

White Background



This preview shows how the XYZ color 52.1392, 25.8111, 58.7339 looks on a white background.

Color Contrast Check

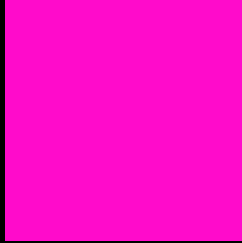
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1392, 25.8111, 58.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

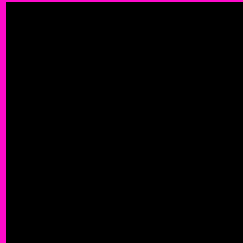
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.1392, 25.8111, 58.7339

Background



This preview shows how black text looks on a background with the XYZ color 52.1392, 25.8111, 58.7339.



This preview shows how white text looks on a background with the XYZ color 52.1392, 25.8111,

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

52.1392, 25.8111, 58.7339

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

26.8402, 26.2546, 52.3682



Tritanopia

42.1645, 25.8057, 11.3530

Trichromacy



Original Color

52.1392, 25.8111, 58.7339



Protanomaly

30.2091, 19.3779, 81.5050



Deuteranomaly

30.6907, 20.3651, 53.9430



Tritanomaly

44.3294, 24.4306, 22.8012

Monochromacy



Original Color

52.1392, 25.8111, 58.7339



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

21.5582, 13.9031, 26.7466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1392, 25.8111, 58.7339 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, 11, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 203)  
}
```

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, 11, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.1392, 25.8111, 58.7339 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, 11, 203) }
```


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

```
.border{ border-color:rgb(255, 11, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 11, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1392, 25.8111, 58.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 203) }
```

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

```
.background{ background-color: rgb(255, 11,  
203) }
```

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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