

Converting Colors

XYZ(52.1391, 25.6196, 59.3238)

Have a look what the booklet for
XYZ(52.1391, 25.6196, 59.3238)
contains.

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Color

**XYZ(52.1391, 25.6196,
59.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00CC
RGB	255, 0, 204
RGB Percent	100%, 0%, 80%
CMY	0.0000, 0.9998, 0.2000
CMYK	0.00, 1.00, 0.20, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	52.1391, 25.6196, 59.3238
YIQ	99.5010, 86.4960, 117.5040

Conversions

Conversions Part 2

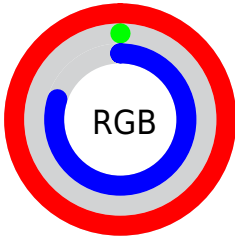
Format	Color
RYB	255, 0, 204
Decimal	16711884
CIELab	57.67, 91.74, -36.33
CIElCh	58, 98.672, 338.399
Yxy	25.6196, 0.3803, 0.1869
Android (android.graphics.Color)	4294901964 (0xFFFF00CC)
YUV	99.5010, 51.5180, 136.3726
Hunter-Lab	50.6158, 95.2943, -34.0592

Details

The XYZ color **52.1391, 25.6196, 59.3238** 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 **36.3594, 71.7598, 15.0728**, and the grayscale version is **11.8523, 12.4696, 13.5794**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **27.4171, 13.5074, 29.5959** is the 20% darker color. If you saturate the color by 10%, you get **52.1379, 25.6191, 59.3173**, and if you desaturate by 10%, it is **53.1208, 26.5876, 62.7196**.

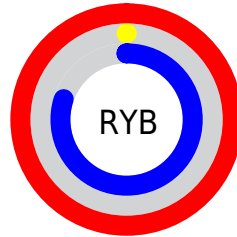
Distribution



Red (100%)

Green (0%)

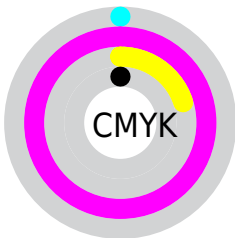
Blue (80%)



Red (100%)

Yellow (0%)

Blue (80%)

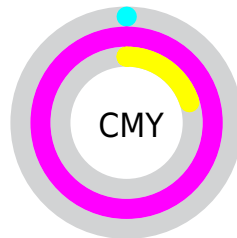


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (100%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1391, 25.6196, 59.3238 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 52.1391, 25.6196, 59.3238 by changing the saturation by 10% instead.

 52.1391, 25.6196,
59.3238


 52.1391, 25.6196,
59.3238

385.2885,
280.9097, 439.8361


 37.3407, 16.5393,
42.4521


 92.5094, 52.6606,
105.3819


 25.6463, 9.9066,
29.1273

 118.8119, 71.3901,
135.4053


 16.6905, 5.3370,
18.9307


 149.6799, 94.1048,
170.6498

 10.1080, 2.4463,
11.4439

 185.4786,
121.1890, 211.5338

 5.5334, 0.8496,
6.2483

 226.5735,
153.0273, 258.4759

 2.6015, 0.0000,
2.9254

273.3299,

 0.9467, 0.0000,

190.0039, 311.8946

1.0567

326.1131,
232.5032, 372.2085

■ 0.0000, 0.0000,
0.0000

■ 52.1391, 25.6196,
59.3238

■ 52.1391, 25.6196,
59.3238

■ 52.1379, 25.6191,
59.3173

■ 53.1208, 26.5876,
62.7196

■ 54.5896, 28.4977,
66.3774

■ 56.6889, 31.6359,
70.3460

■ 59.5061, 36.1770,
74.6555

■ 63.1146, 42.2674,
79.3313

■ 67.5785, 50.0353,
84.3955

■ 72.9554, 59.5952,
89.8683

■ 79.2977, 71.0518,
95.7680

■ 86.6537, 84.5016,
102.1115

Harmonies

Analogous

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



41.3454, 25.6196, 116.1508



52.1391, 25.6196, 59.3238



54.4154, 25.6196, 19.4370

Triad

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



52.1391, 25.6196, 59.3238



21.1835, 25.6196, 0.1276



10.5419, 25.6196, 90.8881

Complementary

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



52.1391, 25.6196, 59.3238



36.3594, 71.7598, 15.0728

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.



8.0907, 25.6196, 38.5083



52.1391, 25.6196, 59.3238



12.7979, 25.6196, 1.6703

Square

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



52.1391, 25.6196, 59.3238



33.6994, 25.6196, 0.5381



8.7561, 25.6196, 10.1549



16.9137, 25.6196, 142.4990

Rectangle

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



52.1391, 25.6196, 59.3238



50.2724, 25.6196, 6.9936



8.7561, 25.6196, 10.1549



9.3439, 25.6196, 71.6419

Sweetspot

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



52.1397, 25.6208, 59.3242



72.9432, 59.5734, 89.8565



19.4180, 7.9261, 95.1142



15.1032, 11.8405, 18.7283



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.



52.1397, 25.6208, 59.3242



52.1379, 25.6191, 59.3173



42.5638, 21.7905, 8.8984



18.6278, 18.2344, 21.9229



27.2979, 13.4085, 31.2830



2.6956, 1.3206, 3.2445

Inverse Universe

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



52.1397, 25.6208, 59.3242



52.1379, 25.6191, 59.3173



43.8485, 74.7555, 54.5098



18.6278, 18.2344, 21.9229



27.2979, 13.4085, 31.2830



2.6956, 1.3206, 3.2445

Previews

White Background



This preview shows how the XYZ color 52.1391, 25.6196, 59.3238 looks on a white background.

Color Contrast Check

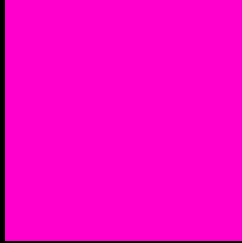
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1391, 25.6196, 59.3238 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 52.1391, 25.6196, 59.3238

Background



This preview shows how black text looks on a background with the XYZ color 52.1391, 25.6196, 59.3238.



This preview shows how white text looks on a background with the XYZ color 52.1391, 25.6196,

59.3238.

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

52.1391, 25.6196, 59.3238

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

26.8046, 26.2236, 52.9391



Tritanopia

42.1645, 25.8057, 11.3530

Trichromacy



Original Color

52.1391, 25.6196, 59.3238



Protanomaly

29.8762, 18.7122, 81.3940



Deuteranomaly

30.4668, 19.7356, 54.4281



Tritanomaly

44.1470, 24.0659, 22.7405

Monochromacy



Original Color

52.1391, 25.6196, 59.3238



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.1311, 12.5697, 25.4099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1391, 25.6196, 59.3238 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, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 204)  
}
```

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, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.1391, 25.6196, 59.3238 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, 0, 204) }
```


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

```
.border{ border-color:rgb(255, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1391, 25.6196, 59.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 204) }
```

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

```
.background{ background-color: rgb(255, 0,  
204) }
```

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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