

Converting Colors

XYZ(52.2144, 25.9300, 58.8562)

Have a look what the booklet for
XYZ(52.2144, 25.9300, 58.8562)
contains.

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Color

**XYZ(52.1903, 25.9134,
58.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0FCB
RGB	255, 15, 203
RGB Percent	100%, 6%, 80%
CMY	0.0000, 0.9410, 0.2039
CMYK	0.00, 0.94, 0.20, 0.00
HSL	313°, 100%, 53%
HSV	313°, 94%, 100%
XYZ	52.1903, 25.9134, 58.7510
YIQ	108.1920, 82.6920, 109.3480

Conversions

Conversions Part 2

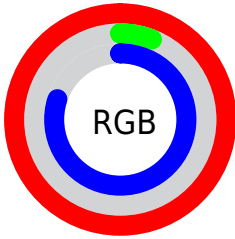
Format	Color
R _Y B	255, 15, 203
Decimal	16715723
CIE _{Lab}	57.95, 90.67, -35.31
CIE _{LCh}	58, 97.301, 338.719
Yxy	25.9134, 0.3814, 0.1893
Android (android.graphics.Color)	4294905803 (0xFFFF0FCB)
YUV	108.1920, 46.7403, 128.7506
Hunter-Lab	50.9052, 93.9221, -32.7945

Details

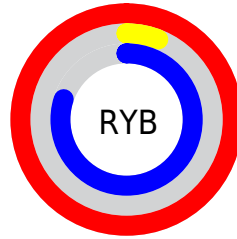
The XYZ color **52.1903, 25.9134, 58.7510** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.9720, 72.0276, 17.2708**, and the grayscale version is **14.1710, 14.9090, 16.2359**.

A 20% lighter version of the original color is **64.4440, 38.7881, 98.6980**, and **27.3376, 13.4756, 29.1772** is the 20% darker color. If you saturate the color by 10%, you get **51.6351, 25.4180, 56.6696**, and if you desaturate by 10%, it is **53.4672, 27.3944, 62.4842**.

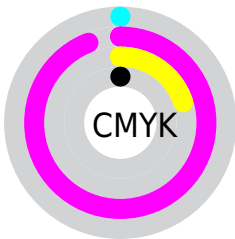
Distribution



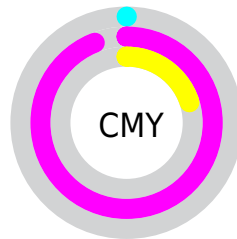
- Red (100%)
- Green (6%)
- Blue (80%)



- Red (100%)
- Yellow (6%)
- Blue (80%)



- Cyan (0%)
- Magenta (94%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1903, 25.9134, 58.7510 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 52.1903, 25.9134, 58.7510 by changing the saturation by 10% instead.


 52.1903, 25.9134,
58.7510

 52.1903, 25.9134,
58.7510

385.4827,
282.3567, 437.6547


 37.3817, 16.7589,
41.9940


 92.5844, 53.1352,
104.5412


 25.6782, 10.0627,
28.7711


 118.9006, 71.9713,
134.4116


 16.7144, 5.4406,
18.6636


 149.7833, 94.8033,
169.4901

 10.1251, 2.5080,
11.2531

 185.5979,
122.0157, 210.1954

 5.5449, 0.8806,
6.1210

 226.7098,
153.9928, 256.9459

 2.6084, 0.0000,
2.8488

273.4844,

 0.9502, 0.0000,

191.1191, 310.1603

1.0180

326.2869,
233.7789, 370.2571

■ 0.0000, 0.0000,
0.0000

■ 52.1903, 25.9134,
58.7510

■ 52.1903, 25.9134,
58.7510

■ 51.6351, 25.4180,
56.6696

■ 53.4672, 27.3944,
62.4842

■ 55.3349, 30.0190,
66.5311

■ 57.8900, 33.9801,
70.9253

■ 61.2110, 39.4342,
75.6940

■ 65.3654, 46.5162,
80.8610

70.4133, 55.3458,
86.4473

76.4092, 66.0315,
92.4722

83.4030, 78.6730,
98.9534

91.4411, 93.3627,
105.9075

Harmonies

Analogous

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



41.6025, 25.9134, 114.5728



52.1903, 25.9134, 58.7510



54.3259, 25.9134, 19.5126

Triad

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



52.1903, 25.9134, 58.7510



21.3667, 25.9134, 0.2618



10.8909, 25.9134, 90.9722

Complementary

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



52.1903, 25.9134, 58.7510



36.9720, 72.0276, 17.2708

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.



8.3862, 25.9134, 39.1834



52.1903, 25.9134, 58.7510



13.0444, 25.9134, 1.8690

Square

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



52.1903, 25.9134, 58.7510



33.7560, 25.9134, 0.6471



9.0246, 25.9134, 10.6653



17.3175, 25.9134, 141.3460

Rectangle

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



52.1903, 25.9134, 58.7510



50.1767, 25.9134, 7.1672



9.0246, 25.9134, 10.6653



9.6727, 25.9134, 72.0255

Sweetspot

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



52.1910, 25.9146, 58.7514



73.9556, 61.6382, 90.0700



20.5384, 8.7573, 95.2156



15.2854, 12.2250, 18.7266



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.



52.1910, 25.9146, 58.7514



51.6351, 25.4180, 56.6696



42.9739, 22.2278, 10.2151



18.6142, 18.2290, 21.8516



27.0382, 13.3046, 29.9152



2.6725, 1.3114, 3.1226

Inverse Universe

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



52.1910, 25.9146, 58.7514



51.6351, 25.4180, 56.6696



44.9286, 75.2103, 59.1694



18.6142, 18.2290, 21.8516



27.0382, 13.3046, 29.9152



2.6725, 1.3114, 3.1226

Previews

White Background



This preview shows how the XYZ color 52.1903, 25.9134, 58.7510 looks on a white background.

Color Contrast Check

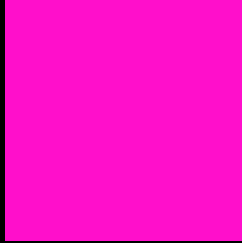
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1903, 25.9134, 58.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

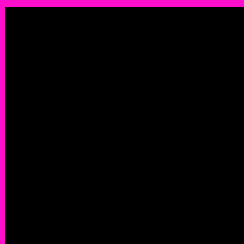
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.1903, 25.9134, 58.7510

Background



This preview shows how black text looks on a background with the XYZ color 52.1903, 25.9134, 58.7510.



This preview shows how white text looks on a background with the XYZ color 52.1903, 25.9134,

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

52.1903, 25.9134, 58.7510

Protanopia

30.1624, 26.5338, 98.1395

Deuteranopia

26.8402, 26.2546, 52.3682



Tritanopia

42.2383, 25.9532, 11.3776

Trichromacy



Original Color

52.1903, 25.9134, 58.7510



Protanomaly

30.4691, 19.6397, 81.5418



Deuteranomaly

30.7779, 20.5395, 53.9721



Tritanomaly

44.4263, 24.6245, 22.8336

Monochromacy



Original Color

52.1903, 25.9134, 58.7510



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

22.1046, 14.4578, 27.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1903, 25.9134, 58.7510 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, 15, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 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, 15, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.1903, 25.9134, 58.7510 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, 15, 203) }
```


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

```
.border{ border-color:rgb(255, 15, 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, 15, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1903, 25.9134, 58.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 203) }
```

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

```
.background{ background-color: rgb(255, 15,  
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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