

Converting Colors

XYZ(52.5385, 25.2554, 85.1018)

Have a look what the booklet for
XYZ(52.5385, 25.2554, 85.1018)
contains.

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Color

**XYZ(52.4951, 25.2281,
85.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	F200F1
RGB	242, 0, 241
RGB Percent	95%, 0%, 95%
CMY	0.0510, 0.9998, 0.0549
CMYK	0.00, 1.00, 0.00, 0.05
HSL	300°, 100%, 47%
HSV	300°, 100%, 95%
XYZ	52.4951, 25.2281, 85.3218
YIQ	99.8320, 66.8710, 126.2550

Conversions

Conversions Part 2

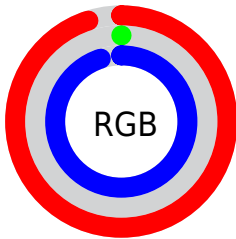
Format	Color
R _Y B	242, 0, 241
Decimal	15859953
CIE Lab	57.30, 94.30, -58.01
CIE LCh	57, 110.713, 328.400
Yxy	25.2281, 0.3220, 0.1547
Android (android.graphics.Color)	4294050033 (0xFFFF200F1)
YUV	99.8320, 69.5958, 124.6813
Hunter-Lab	50.2276, 98.6601, -65.5569

Details

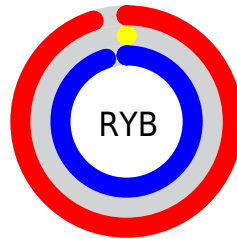
The XYZ color **52.4951, 25.2281, 85.3218** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **31.7588, 63.5077, 10.6143**, and the grayscale version is **11.8934, 12.5128, 13.6264**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **27.7078, 13.2844, 46.4512** is the 20% darker color. If you saturate the color by 10%, you get **52.4957, 25.2284, 85.3220**, and if you desaturate by 10%, it is **52.8423, 25.8976, 85.5115**.

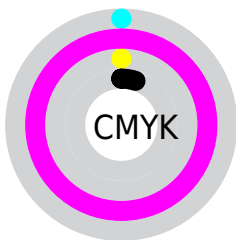
Distribution



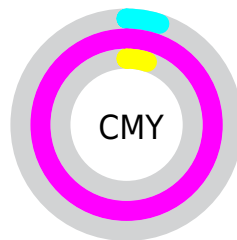
- Red (95%)
- Green (0%)
- Blue (95%)



- Red (95%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4951, 25.2281, 85.3218 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 52.4951, 25.2281, 85.3218 by changing the saturation by 10% instead.


 52.4951, 25.2281,
85.3218

 52.4951, 25.2281,
85.3218

386.6376,
278.9720, 532.8646

 37.6257, 16.2471,
63.5556


 93.0309, 52.0270,
142.7008


 25.8682, 9.6992,
45.8470


 119.4281, 70.6137,
179.1508


 16.8572, 5.2000,
31.7773


 150.3985, 93.1711,
221.3324

 10.2274, 2.3651,
20.9280

 186.3076,
120.0835, 269.6643

 5.6134, 0.8078,
12.8807

 227.5207,
151.7355, 324.5649

 2.6499, 0.0000,
7.2167

274.4032,

 0.9714, 0.0000,

188.5113, 386.4528

3.5175

327.3204,
230.7953, 455.7465

■ 0.0000, 0.0000,
1.3646

■ 0.0000, 0.0000,
0.1138

■ 52.4951, 25.2281,
85.3218

■ 52.4951, 25.2281,
85.3218

■ 52.4957, 25.2284,
85.3220

■ 52.8423, 25.8976,
85.5115

■ 53.6007, 27.3905,
85.8382

■ 54.8996, 29.9644,
86.3450

■ 56.8156, 33.7724,
87.0576

■ 59.4130, 38.9431,
87.9974

■ 62.7479, 45.5889,
89.1830

■ 66.8708, 53.8108,
90.6314

■ 71.8277, 63.7005,
92.3578

■ 77.6610, 75.3431,
94.3764

Harmonies

Analogous

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



38.0775, 25.2281, 152.4882



52.4951, 25.2281, 85.3218



59.0347, 25.2281, 29.5350

Triad

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



52.4951, 25.2281, 85.3218



24.6895, 25.2281, 0.0000



7.9370, 25.2281, 78.1014

Complementary

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



52.4951, 25.2281, 85.3218



31.7588, 63.5077, 10.6143

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.



6.5762, 25.2281, 25.5019



52.4951, 25.2281, 85.3218



13.8762, 25.2281, 0.0978

Square

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



52.4951, 25.2281, 85.3218



39.7615, 25.2281, 0.3140



8.2787, 25.2281, 4.3481



13.0466, 25.2281, 146.2541

Rectangle

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



52.4951, 25.2281, 85.3218



56.7335, 25.2281, 10.4018



8.2787, 25.2281, 4.3481



7.1309, 25.2281, 57.1394

Sweetspot

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



52.4961, 25.2293, 85.3223



75.2591, 60.4998, 102.0519



16.0282, 6.4120, 84.3984



15.6653, 12.0654, 21.6880



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.



52.4961, 25.2293, 85.3223



59.1206, 28.4122, 96.0879



40.0714, 20.2594, 19.8943



16.4513, 16.0302, 19.9329



28.2021, 13.5533, 45.8423



2.3471, 1.1279, 3.8185

Inverse Universe

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



52.4961, 25.2293, 85.3223



59.1206, 28.4122, 96.0879



35.2055, 64.8864, 28.7647



16.4513, 16.0302, 19.9329



28.2021, 13.5533, 45.8423



2.3471, 1.1279, 3.8185

Previews

White Background



This preview shows how the XYZ color 52.4951, 25.2281, 85.3218 looks on a white background.

Color Contrast Check

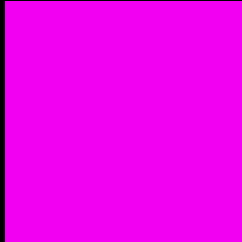
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4951, 25.2281, 85.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

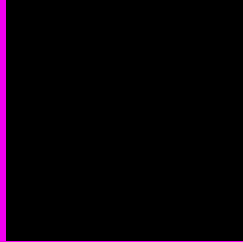
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.4951, 25.2281, 85.3218

Background



This preview shows how black text looks on a background with the XYZ color 52.4951, 25.2281, 85.3218.



This preview shows how white text looks on a background with the XYZ color 52.4951, 25.2281,

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

52.4951, 25.2281, 85.3218

Protanopia

29.6156, 26.0438, 98.0738

Deuteranopia

26.7539, 25.8961, 76.2614



Tritanopia

38.1197, 25.4549, 15.2161

Trichromacy



Original Color

52.4951, 25.2281, 85.3218



Protanomaly

30.7365, 18.7919, 92.4497



Deuteranomaly

29.0397, 18.4684, 78.3781



Tritanomaly

40.5621, 22.6545, 31.9407

Monochromacy



Original Color

52.4951, 25.2281, 85.3218



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.3682, 12.5766, 30.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4951, 25.2281, 85.3218 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, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 241)  
}
```

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, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 241) }
```

Border

The CSS property to change the border of an element to XYZ 52.4951, 25.2281, 85.3218 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, 0, 241) }
```


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

```
.border{ border-color:rgb(242, 0, 241) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4951, 25.2281, 85.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 241) }
```

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

```
.background{ background-color: rgb(242, 0,  
241) }
```

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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