

Converting Colors

XYZ(53.5118, 25.5948, 92.4802)

Have a look what the booklet for
XYZ(53.5118, 25.5948, 92.4802)
contains.

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Color

**XYZ(53.5309, 25.6029,
92.5629)**

Conversions

Conversions Part 1

Format	Color
Hex	F100FA
RGB	241, 0, 250
RGB Percent	95%, 0%, 98%
CMY	0.0549, 0.9998, 0.0196
CMYK	0.04, 1.00, 0.00, 0.02
HSL	298°, 100%, 49%
HSV	298°, 100%, 98%
XYZ	53.5309, 25.6029, 92.5629
YIQ	100.5590, 63.3860, 128.8420

Conversions

Conversions Part 2

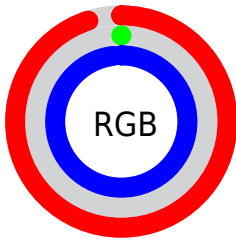
Format	Color
R _Y B	241, 0, 250
Decimal	15794426
CIE Lab	57.66, 95.42, -62.47
CIE LCh	58, 114.048, 326.790
Yxy	25.6029, 0.3118, 0.1491
Android (android.graphics.Color)	4293984506 (0xFFFF100FA)
YUV	100.5590, 73.6744, 123.1668
Hunter-Lab	50.5993, 100.2930, -73.0415

Details

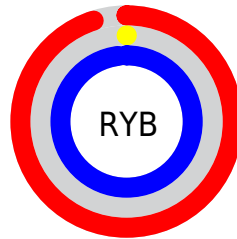
The XYZ color **53.5309, 25.6029, 92.5629** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.2991, 68.4299, 11.4017**, and the grayscale version is **12.0680, 12.6965, 13.8265**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.3368, 13.5091, 50.9832** is the 20% darker color. If you saturate the color by 10%, you get **53.5311, 25.6030, 92.5633**, and if you desaturate by 10%, it is **54.1880, 26.4589, 92.6938**.

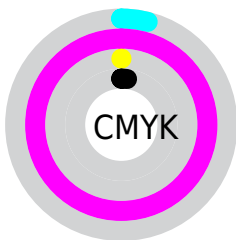
Distribution



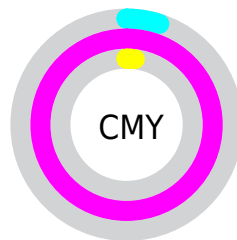
- Red (95%)
- Green (0%)
- Blue (98%)



- Red (95%)
- Yellow (0%)
- Blue (98%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5309, 25.6029, 92.5629 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 53.5309, 25.6029, 92.5629 by changing the saturation by 10% instead.


 53.5309, 25.6029,
92.5629


 53.5309, 25.6029,
92.5629

390.5463,
280.8273, 557.1169


 38.4559, 16.5268,
69.5226

 94.5461, 52.6336,
152.8598


 26.5156, 9.8977,
50.6630

 121.2170, 71.3571,
190.9535


 17.3444, 5.3312,
35.5657


 152.4839, 94.0650,
234.9020

 10.5772, 2.4429,
23.8119

 188.7122,
121.1420, 285.1240

 5.8485, 0.8478,
14.9832

 230.2672,
152.9723, 342.0379

 2.7929, 0.0000,
8.6611

277.5143,

 1.0452, 0.0000,

189.9403, 406.0623

4.4270

330.8189,
232.4305, 477.6158

■ 0.0000, 0.0000,
1.8624

■ 0.0000, 0.0000,
0.4687

■ 53.5309, 25.6029,
92.5629

■ 53.5309, 25.6029,
92.5629

■ 53.5311, 25.6030,
92.5633

■ 54.1880, 26.4589,
92.6938

■ 55.2914, 28.2061,
92.9729

■ 56.9789, 31.1194,
93.4463

■ 59.3337, 35.3650,
94.1417

62.4255, 41.0822,
95.0823

66.3151, 48.3930,
96.2884

71.0573, 57.4065,
97.7782

76.7018, 68.2224,
99.5684

83.2945, 80.9324,
101.6742

Harmonies

Analogous

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



38.1718, 25.6029, 163.0271



53.5309, 25.6029, 92.5629



61.0314, 25.6029, 32.2976

Triad

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



53.5309, 25.6029, 92.5629



25.8329, 25.6029, 0.0000



7.6294, 25.6029, 77.2794

Complementary

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



53.5309, 25.6029, 92.5629



34.2991, 68.4299, 11.4017

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.



6.4196, 25.6029, 23.8798



53.5309, 25.6029, 92.5629



14.3253, 25.6029, 0.0000

Square

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



53.5309, 25.6029, 92.5629



41.7093, 25.6029, 0.2789



8.3273, 25.6029, 3.6575



12.6121, 25.6029, 149.7542

Rectangle

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



53.5309, 25.6029, 92.5629



59.0652, 25.6029, 11.3233



8.3273, 25.6029, 3.6575



6.8728, 25.6029, 55.6872

Sweetspot

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



53.5320, 25.6041, 92.5634



74.3041, 60.0015, 102.2729



17.3940, 7.1786, 90.9116



15.4324, 11.9438, 21.7420



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.



53.5320, 25.6041, 92.5634



55.9929, 26.7803, 96.8257



43.9775, 22.1460, 25.8189



17.9276, 17.4908, 21.8165



28.4221, 13.5948, 49.0996



2.6511, 1.2688, 4.5483

Inverse Universe

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



39.4744, 20.3447, 2.1059



41.2903, 21.2801, 2.1948



37.1400, 69.5532, 26.9496



17.2699, 17.2353, 18.0112



20.9491, 10.7954, 1.1747



1.9489, 1.0033, 0.1542

Previews

White Background



This preview shows how the XYZ color 53.5309, 25.6029, 92.5629 looks on a white background.

Color Contrast Check

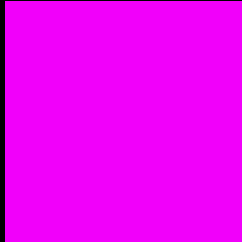
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5309, 25.6029, 92.5629 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 53.5309, 25.6029, 92.5629

Background



This preview shows how black text looks on a background with the XYZ color 53.5309, 25.6029, 92.5629.



This preview shows how white text looks on a background with the XYZ color 53.5309, 25.6029,

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

53.5309, 25.6029, 92.5629

Protanopia

29.9147, 26.4061, 98.1280

Deuteranopia

27.2679, 26.4644, 82.2682



Tritanopia

37.9688, 25.7628, 16.3361

Trichromacy



Original Color

53.5309, 25.6029, 92.5629



Protanomaly

31.4543, 19.2266, 94.9818



Deuteranomaly

29.2159, 18.6719, 84.5023



Tritanomaly

40.8492, 22.9028, 34.6154

Monochromacy



Original Color

53.5309, 25.6029, 92.5629



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.6987, 12.7087, 32.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5309, 25.6029, 92.5629 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(241, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 250)  
}
```

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(241, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.5309, 25.6029, 92.5629 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(241, 0, 250) }
```


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

```
.border{ border-color:rgb(241, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5309, 25.6029, 92.5629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 250) }
```

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

```
.background{ background-color: rgb(241, 0,  
250) }
```

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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