

Converting Colors

XYZ(58.3771, 29.0469, 94.6252)

Have a look what the booklet for
XYZ(58.3771, 29.0469, 94.6252)
contains.

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Color

**XYZ(58.3771, 29.0469,
94.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	FC25FC
RGB	252, 37, 252
RGB Percent	99%, 15%, 99%
CMY	0.0118, 0.8548, 0.0118
CMYK	0.00, 0.85, 0.00, 0.01
HSL	300°, 97%, 57%
HSV	300°, 85%, 99%
XYZ	58.3771, 29.0469, 94.6252
YIQ	125.7950, 59.1250, 112.4450

Conversions

Conversions Part 2

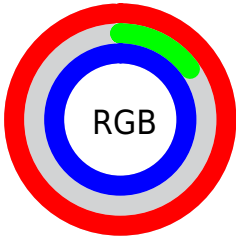
Format	Color
R _Y B	252, 37, 252
Decimal	16524796
CIE Lab	60.82, 93.88, -58.41
CIE LCh	61, 110.567, 328.114
Yxy	29.0469, 0.3207, 0.1596
Android (android.graphics.Color)	4294714876 (0xFFFC25FC)
YUV	125.7950, 62.2191, 110.6818
Hunter-Lab	53.8952, 99.0275, -66.3704

Details

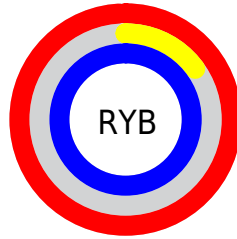
The XYZ color **58.3771, 29.0469, 94.6252** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **35.9087, 70.1491, 13.3993**, and the grayscale version is **19.5469, 20.5649, 22.3951**.

A 20% lighter version of the original color is **65.4207, 40.7415, 99.0236**, and **31.3362, 15.0165, 52.8766** is the 20% darker color. If you saturate the color by 10%, you get **57.8454, 27.9825, 94.4481**, and if you desaturate by 10%, it is **59.4507, 31.1930, 94.9833**.

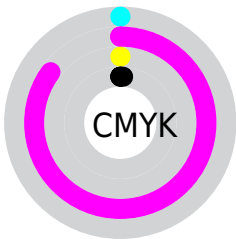
Distribution



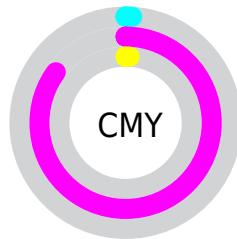
- Red (99%)
- Green (15%)
- Blue (99%)



- Red (99%)
- Yellow (15%)
- Blue (99%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (85%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3771, 29.0469, 94.6252 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 58.3771, 29.0469, 94.6252 by changing the saturation by 10% instead.

 58.3771, 29.0469,
94.6252


 58.3771, 29.0469,
94.6252


408.5209,
297.4362, 563.9181


 42.3563, 19.1163,
71.2279

 101.5916, 58.1516,
155.7378

 29.5727, 11.7543,
52.0452


 129.5161, 78.0945,
194.2902


 19.6610, 6.5766,
36.6586


 162.1391,
102.1436, 238.7314

 12.2557, 3.1988,
24.6496

 199.8261,
130.6833, 289.4799

 6.9915, 1.2364,
15.5995

 242.9425,
164.0980, 346.9543

 3.5031, 0.0911,
9.0900

291.8535,

 1.4250, 0.0000,

202.7721, 411.5731

4.7023

346.9245,
247.0901, 483.7548

■ 0.2740, 0.0000,
2.0180

■ 0.0000, 0.0000,
0.5663

■ 58.3771, 29.0469,
94.6252

■ 58.3771, 29.0469,
94.6252

■ 57.8454, 27.9825,
94.4481


■ 59.4507, 31.1930,
94.9833


■ 57.7161, 27.7240,
94.4049


■ 61.1583, 34.6083,
95.5527


■ 63.5788, 39.4492,
96.3596

■ 66.7786, 45.8489,
97.4263

 70.8167, 53.9249,
98.7724

 75.7462, 63.7839,
100.4157

 81.6160, 75.5234,
102.3724

 88.4713, 89.2341,
104.6576

 93.4763, 99.2441,
106.3260

Harmonies

Analogous

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



42.7980, 29.0469, 165.5432



58.3771, 29.0469, 94.6252



65.4990, 29.0469, 34.3066

Triad

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



58.3771, 29.0469, 94.6252



28.5286, 29.0469, 0.0000



9.6943, 29.0469, 85.5551

Complementary

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



58.3771, 29.0469, 94.6252



35.9087, 70.1491, 13.3993

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.



8.1659, 29.0469, 29.0909



58.3771, 29.0469, 94.6252



16.5193, 29.0469, 0.5136

Square

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



58.3771, 29.0469, 94.6252



44.9450, 29.0469, 0.7680



10.1545, 29.0469, 5.5260



15.4248, 29.0469, 157.8072

Rectangle

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



58.3771, 29.0469, 94.6252



63.1172, 29.0469, 12.8406



10.1545, 29.0469, 5.5260



8.7826, 29.0469, 63.1951

Sweetspot

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



58.3783, 29.0482, 94.6258



77.4231, 64.7462, 103.0241



18.9966, 8.7462, 92.7836



16.1782, 13.0712, 21.9202



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.



58.3783, 29.0482, 94.6258



59.2898, 28.4799, 96.9789



45.8806, 24.0492, 28.8140



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Inverse Universe

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



58.3783, 29.0482, 94.6258



59.2898, 28.4799, 96.9789



40.6475, 72.0446, 38.3538



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 58.3771, 29.0469, 94.6252 looks on a white background.

Color Contrast Check

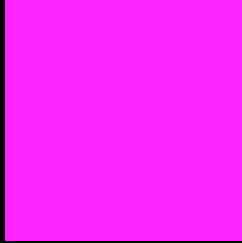
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.3771, 29.0469, 94.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

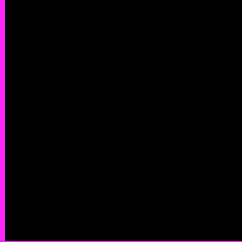
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 58.3771, 29.0469, 94.6252

Background



This preview shows how black text looks on a background with the XYZ color 58.3771, 29.0469, 94.6252.



This preview shows how white text looks on a background with the XYZ color 58.3771, 29.0469,

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

58.3771, 29.0469, 94.6252

Protanopia

32.6394, 29.5462, 98.5904

Deuteranopia

30.1334, 29.2572, 84.1798



Tritanopia

42.2568, 28.6592, 18.0564

Trichromacy



Original Color

58.3771, 29.0469, 94.6252



Protanomaly

35.7035, 23.8382, 96.4854



Deuteranomaly

33.8624, 23.4102, 86.7383



Tritanomaly

45.9355, 27.0778, 36.9879

Monochromacy



Original Color

58.3771, 29.0469, 94.6252



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

28.4624, 19.7546, 41.3426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3771, 29.0469, 94.6252 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(252, 37, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 37, 252)  
}
```

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(252, 37, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 37, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.3771, 29.0469, 94.6252 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(252, 37, 252) }
```


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

```
.border{ border-color:rgb(252, 37, 252) }
```

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

Here you see how a box with a 4 pixel rgb(252, 37, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 37, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 37, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 37,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3771, 29.0469, 94.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 37, 252) }
```

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

```
.background{ background-color: rgb(252, 37,  
252) }
```

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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