

Converting Colors

XYZ(54.9908, 28.5023, 97.2109)

Have a look what the booklet for
XYZ(54.9908, 28.5023, 97.2109)
contains.

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Color

**XYZ(55.1597, 28.5968,
97.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	EF3AFF
RGB	239, 58, 255
RGB Percent	94%, 23%, 100%
CMY	0.0627, 0.7725, 0.0000
CMYK	0.06, 0.77, 0.00, 0.00
HSL	295°, 100%, 61%
HSV	295°, 77%, 100%
XYZ	55.1597, 28.5968, 97.2202
YIQ	134.5770, 44.6390, 99.6390

Conversions

Conversions Part 2

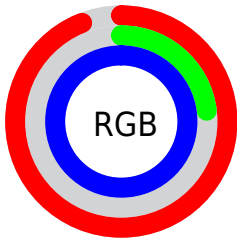
Format	Color
R _Y B	239, 58, 255
Decimal	15678207
CIE Lab	60.42, 87.64, -60.82
CIE LCh	60, 106.682, 325.241
Yxy	28.5968, 0.3048, 0.1580
Android (android.graphics.Color)	4293868287 (0xFFEF3AFF)
YUV	134.5770, 59.3685, 91.5790
Hunter-Lab	53.4760, 90.5372, -70.3570

Details

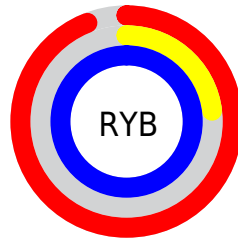
The XYZ color **55.1597, 28.5968, 97.2202** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **39.3484, 73.2817, 16.0750**, and the grayscale version is **22.6507, 23.8303, 25.9512**.

A 20% lighter version of the original color is **66.6236, 43.1472, 99.4245**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.4824, 26.2733, 96.8602**, and if you desaturate by 10%, it is **57.4829, 32.1982, 97.7929**.

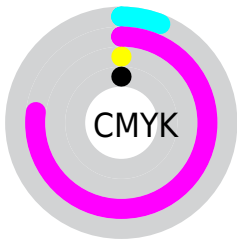
Distribution



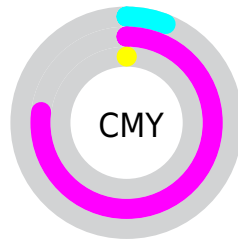
- Red (94%)
- Green (23%)
- Blue (100%)



- Red (94%)
- Yellow (23%)
- Blue (100%)



- Cyan (6%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1597, 28.5968, 97.2202 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 55.1597, 28.5968, 97.2202 by changing the saturation by 10% instead.


 55.1597, 28.5968,
97.2202


 55.1597, 28.5968,
97.2202


396.6436,
295.3078, 572.4135

 39.7639, 18.7760,
73.3772


 96.9219, 57.4359,
159.3502


 27.5379, 11.5085,
53.7907

 124.0190, 77.2229,
198.4743


 18.1163, 6.4100,
38.0423


 155.7473,
101.1009, 243.5291

 11.1337, 3.0959,
25.7135

 192.4721,
129.4541, 294.9332

 6.2248, 1.1820,
16.3856

 234.5587,
162.6670, 353.1052

 3.0242, 0.0470,
9.6401

282.3726,

 1.1666, 0.0000,

201.1240, 418.4635

5.0585

336.2791,
245.2095, 491.4267

■ 0.0797, 0.0000,
2.2223

■ 0.0000, 0.0000,
0.6872

■ 55.1597, 28.5968,
97.2202

■ 55.1597, 28.5968,
97.2202

■ 53.4824, 26.2733,
96.8602

■ 57.4829, 32.1982,
97.7929

■ 52.3410, 25.0106,
96.6766

■ 60.5313, 37.2393,
98.6053

■ 52.0774, 24.7618,
96.6425

■ 64.3767, 43.8621,
99.6810

■ 69.0808, 52.1906,
101.0406

74.6996, 62.3362,
102.7027

81.2841, 74.4013,
104.6845

88.8816, 88.4802,
107.0016

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



40.0678, 28.5968, 161.8711



55.1597, 28.5968, 97.2202



62.9036, 28.5968, 37.8426

Triad

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



55.1597, 28.5968, 97.2202



29.4307, 28.5968, 0.0000



9.6081, 28.5968, 75.8025

Complementary

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



55.1597, 28.5968, 97.2202



39.3484, 73.2817, 16.0750

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.



8.4436, 28.5968, 25.2745



55.1597, 28.5968, 97.2202



17.4032, 28.5968, 0.5372

Square

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



55.1597, 28.5968, 97.2202



45.1868, 28.5968, 1.1690



10.7456, 28.5968, 4.8597



14.7336, 28.5968, 143.7618

Rectangle

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



55.1597, 28.5968, 97.2202



61.4492, 28.5968, 15.1871



10.7456, 28.5968, 4.8597



8.8338, 28.5968, 55.5497

Sweetspot

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



55.1608, 28.5980, 97.2204



77.3783, 67.2257, 103.5053



22.2726, 13.0742, 95.9574



16.0726, 13.4950, 22.0076



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.



55.1608, 28.5980, 97.2204



52.7700, 25.4363, 96.7362



50.2886, 27.3010, 42.1137



18.6386, 18.2209, 22.7846



27.2724, 12.9699, 50.5006



2.6967, 1.2841, 4.9190

Inverse Universe

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



43.9897, 24.7814, 8.9444



41.7895, 21.8220, 3.7688



42.2455, 74.3158, 36.9628



18.0692, 18.0110, 18.9818



21.6389, 11.1448, 1.4827



2.1265, 1.0930, 0.2476

Previews

White Background



This preview shows how the XYZ color 55.1597, 28.5968, 97.2202 looks on a white background.

Color Contrast Check

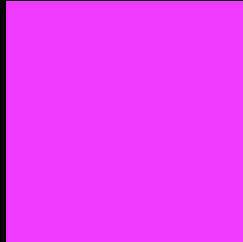
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.1597, 28.5968, 97.2202 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 55.1597, 28.5968, 97.2202

Background



This preview shows how black text looks on a background with the XYZ color 55.1597, 28.5968, 97.2202.



This preview shows how white text looks on a background with the XYZ color 55.1597, 28.5968,

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

55.1597, 28.5968, 97.2202

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

30.0280, 29.1172, 88.0419



Tritanopia

39.4456, 28.3888, 20.8533

Trichromacy



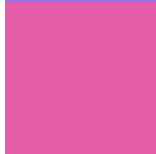
Original Color

55.1597, 28.5968, 97.2202



Protanomaly

35.4115, 24.6086, 97.4913



Deuteranomaly

33.7345, 24.5523, 90.9568

Tritanomaly

43.2081, 27.1395, 40.0069

Monochromacy



Original Color

55.1597, 28.5968, 97.2202



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

30.6280, 22.6543, 45.4063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1597, 28.5968, 97.2202 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(239, 58, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 58, 255)  
}
```

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(239, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 58, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1597, 28.5968, 97.2202 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(239, 58, 255) }
```


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

```
.border{ border-color:rgb(239, 58, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 58, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 58,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1597, 28.5968, 97.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 58, 255) }
```

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

```
.background{ background-color: rgb(239, 58,  
255) }
```

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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