

Converting Colors

XYZ(55.8794, 29.8735, 96.7216)

Have a look what the booklet for
XYZ(55.8794, 29.8735, 96.7216)
contains.

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Color

**XYZ(55.9527, 29.9373,
96.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	F045FE
RGB	240, 69, 254
RGB Percent	94%, 27%, 100%
CMY	0.0588, 0.7294, 0.0039
CMYK	0.06, 0.73, 0.00, 0.00
HSL	295°, 99%, 63%
HSV	295°, 73%, 100%
XYZ	55.9527, 29.9373, 96.5954
YIQ	141.2190, 42.5310, 93.7870

Conversions

Conversions Part 2

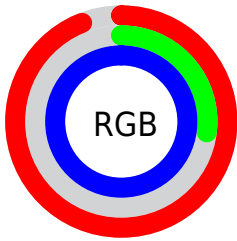
Format	Color
R _{YB}	240, 69, 254
Decimal	15746558
CIE _{Lab}	61.60, 84.57, -58.38
CIE _{LCh}	62, 102.760, 325.380
Y _{xy}	29.9373, 0.3066, 0.1641
Android (android.graphics.Color)	4293936638 (0xFFFF045FE)
YUV	141.2190, 55.6010, 86.6309
Hunter-Lab	54.7150, 86.7866, -66.3718

Details

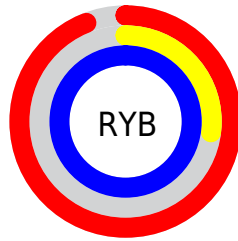
The XYZ color **55.9527, 29.9373, 96.5954** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **40.0843, 73.1531, 17.6388**, and the grayscale version is **25.1823, 26.4937, 28.8516**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **28.7862, 13.6888, 53.3496** is the 20% darker color. If you saturate the color by 10%, you get **54.0623, 27.1191, 96.1515**, and if you desaturate by 10%, it is **58.5204, 34.0978, 97.2636**.

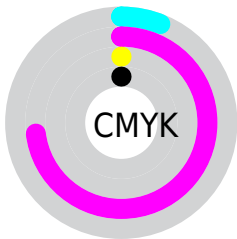
Distribution



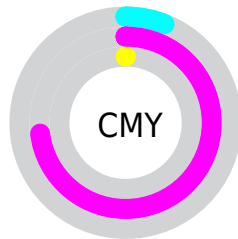
- Red (94%)
- Green (27%)
- Blue (100%)



- Red (94%)
- Yellow (27%)
- Blue (100%)



- Cyan (6%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9527, 29.9373, 96.5954 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 55.9527, 29.9373, 96.5954 by changing the saturation by 10% instead.


 55.9527, 29.9373,
96.5954

 55.9527, 29.9373,
96.5954


399.5911,
301.6121, 570.3743


 40.4019, 19.7910,
72.8593

 98.0756, 59.5630,
158.4814


 28.0376, 12.2432,
53.3698


 125.3784, 79.8112,
197.4683

 18.4946, 6.9095,
37.7083


 157.3292,
104.1955, 242.3760

 11.4075, 3.4056,
25.4563

 194.2934,
133.1003, 293.6230

 6.4109, 1.3470,
16.1953

236.6364,
166.9099, 351.6278

 3.1395, 0.1771,
9.5066

284.7234,

 1.2280, 0.0000,

206.0088, 416.8089

4.9718

338.9199,
250.7814, 489.5848

■ 0.1283, 0.0000,
2.1722

■ 0.0000, 0.0000,
0.6583

■ 55.9527, 29.9373,
96.5954

■ 55.9527, 29.9373,
96.5954

■ 54.0623, 27.1191,
96.1515

■ 58.5204, 34.0978,
97.2636

■ 52.7536, 25.4551,
95.8993

■ 61.8377, 39.7482,
98.1794

■ 52.0778, 24.7805,
95.8047

■ 65.9715, 47.0212,
99.3653

■ 70.9801, 56.0337,
100.8409

76.9168, 66.8919,
102.6239

83.8303, 79.6933,
104.7304

91.7661, 94.5287,
107.1757

94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



41.2404, 29.9373, 158.4359



55.9527, 29.9373, 96.5954



63.4165, 29.9373, 39.0282

Triad

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



55.9527, 29.9373, 96.5954



30.6196, 29.9373, 0.2643



10.7285, 29.9373, 76.5503

Complementary

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



55.9527, 29.9373, 96.5954



40.0843, 73.1531, 17.6388

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.



9.5019, 29.9373, 26.9136



55.9527, 29.9373, 96.5954



18.6290, 29.9373, 0.9344

Square

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



55.9527, 29.9373, 96.5954



46.1058, 29.9373, 1.6237



11.8692, 29.9373, 5.8371



16.0043, 29.9373, 141.7035

Rectangle

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



55.9527, 29.9373, 96.5954



61.9706, 29.9373, 16.4588



11.8692, 29.9373, 5.8371



9.9189, 29.9373, 56.8501

Sweetspot

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



55.9539, 29.9386, 96.5960



78.1458, 68.4846, 103.7079



23.5477, 14.8280, 95.3874



16.3535, 13.9725, 22.0850



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.



55.9539, 29.9386, 96.5960



53.9292, 26.5300, 96.8861



50.9297, 28.4993, 44.3700



18.6490, 18.2263, 22.7851



27.5124, 13.0936, 50.5118



2.7176, 1.2949, 4.9200

Inverse Universe

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



44.5635, 25.9528, 10.8456



42.3624, 22.5858, 5.1373



43.0920, 74.2275, 39.2863



18.0651, 18.0094, 18.9602



21.6313, 11.1418, 1.4430



2.1246, 1.0922, 0.2374

Previews

White Background



This preview shows how the XYZ color 55.9527, 29.9373, 96.5954 looks on a white background.

Color Contrast Check

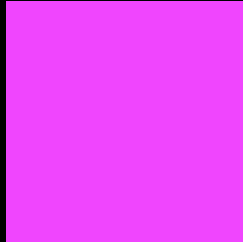
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.9527, 29.9373, 96.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

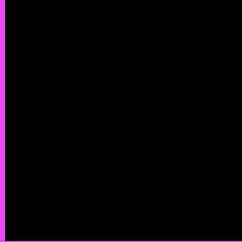
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 55.9527, 29.9373, 96.5954

Background



This preview shows how black text looks on a background with the XYZ color 55.9527, 29.9373, 96.5954.



This preview shows how white text looks on a background with the XYZ color 55.9527, 29.9373,

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

55.9527, 29.9373, 96.5954

Protanopia

33.4745, 30.4304, 98.7171

Deuteranopia

31.1388, 30.1729, 87.4019



Tritanopia

40.4464, 29.5388, 22.3087

Trichromacy



Original Color

55.9527, 29.9373, 96.5954



Protanomaly

37.1061, 26.6609, 97.7981



Deuteranomaly

35.2051, 26.1978, 90.3899



Tritanomaly

44.3515, 28.4986, 41.6913

Monochromacy



Original Color

55.9527, 29.9373, 96.5954



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

32.7057, 24.9860, 47.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9527, 29.9373, 96.5954 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(240, 69, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 69, 254)  
}
```

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(240, 69, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 69, 254) }
```

Border

The CSS property to change the border of an element to XYZ 55.9527, 29.9373, 96.5954 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(240, 69, 254) }
```


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

```
.border{ border-color:rgb(240, 69, 254) }
```

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

Here you see how a box with a 4 pixel rgb(240, 69, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 69, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 69, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 69,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9527, 29.9373, 96.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 69, 254) }
```

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

```
.background{ background-color: rgb(240, 69,  
254) }
```

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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