

Converting Colors

XYZ(55.3299, 29.1086, 69.3051)

Have a look what the booklet for
XYZ(55.3299, 29.1086, 69.3051)
contains.

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Color

**XYZ(55.2611, 29.0543,
69.0251)**

Conversions

Conversions Part 1

Format	Color
Hex	FF37DA
RGB	255, 55, 218
RGB Percent	100%, 22%, 85%
CMY	0.0000, 0.7843, 0.1451
CMYK	0.00, 0.78, 0.15, 0.00
HSL	311°, 100%, 61%
HSV	311°, 78%, 100%
XYZ	55.2611, 29.0543, 69.0251
YIQ	133.3820, 66.8770, 93.0930

Conversions

Conversions Part 2

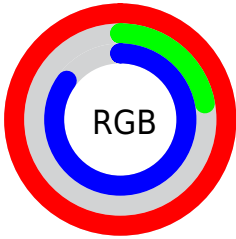
Format	Color
R _Y B	255, 55, 218
Decimal	16725978
CIE Lab	60.83, 86.15, -39.34
CIE LCh	61, 94.712, 335.455
Yxy	29.0543, 0.3604, 0.1895
Android (android.graphics.Color)	4294916058 (0xFFFF37DA)
YUV	133.3820, 41.7167, 106.6590
Hunter-Lab	53.9020, 88.6720, -38.1933

Details

The XYZ color **55.2611, 29.0543, 69.0251** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **39.2685, 73.1055, 22.1691**, and the grayscale version is **22.2713, 23.4311, 25.5165**.

A 20% lighter version of the original color is **66.4977, 42.8953, 99.3826**, and **28.8590, 14.1137, 35.8535** is the 20% darker color. If you saturate the color by 10%, you get **53.7382, 26.9825, 65.5149**, and if you desaturate by 10%, it is **57.4276, 32.3852, 72.8372**.

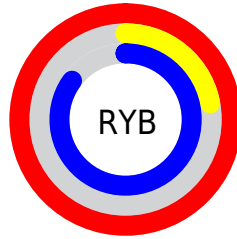
Distribution



Red (100%)

Green (22%)

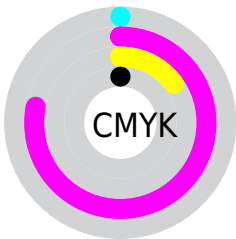
Blue (85%)



Red (100%)

Yellow (22%)

Blue (85%)

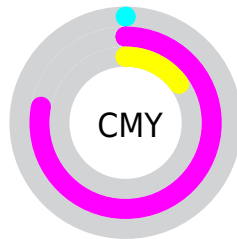


Cyan (0%)

Magenta (78%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2611, 29.0543, 69.0251 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 55.2611, 29.0543, 69.0251 by changing the saturation by 10% instead.


 55.2611, 29.0543,
69.0251


 55.2611, 29.0543,
69.0251


397.0212,
297.4711, 475.8158


 39.8455, 19.1219,
50.2603

 97.0695, 58.1633,
119.4855


 27.6018, 11.7584,
35.2476


 124.1930, 78.1088,
152.0181


 18.1646, 6.5794,
23.5686


 155.9498,
102.1607, 189.9770

 11.1686, 3.2005,
14.8047

 192.7053,
130.7035, 233.7809

 6.2485, 1.2373,
8.5373

 234.8248,
164.1215, 283.8481

 3.0389, 0.0918,
4.3480

282.6738,

 1.1743, 0.0000,

202.7992, 340.5973

1.8181

336.6174,
247.1209, 404.4471

■ 0.0860, 0.0000,
0.4399

■ 0.0000, 0.0000,
0.0000

■ 55.2611, 29.0543,
69.0251

■ 55.2611, 29.0543,
69.0251

■ 53.7382, 26.9825,
65.5149

■ 57.4276, 32.3852,
72.8372

■ 52.7384, 25.9290,
62.2648

■ 60.3207, 37.1408,
76.9785

■ 52.6033, 25.8053,
61.7685

■ 64.0127, 43.4656,
81.4743

■ 68.5664, 51.4851,
86.3461

■ 74.0385, 61.3124,
91.6135

■ 80.4807, 73.0506,
97.2943

■ 87.9407, 86.7951,
103.4053

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.



43.7652, 29.0543, 125.3524



55.2611, 29.0543, 69.0251



58.5541, 29.0543, 25.6131

Triad

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



55.2611, 29.0543, 69.0251



25.4236, 29.0543, 0.7408



12.4621, 29.0543, 89.5780

Complementary

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



55.2611, 29.0543, 69.0251



39.2685, 73.1055, 22.1691

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.



10.1067, 29.0543, 38.5341



55.2611, 29.0543, 69.0251



16.0254, 29.0543, 2.3036

Square

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



55.2611, 29.0543, 69.0251



38.6735, 29.0543, 1.3519



11.1834, 29.0543, 10.9902



18.8957, 29.0543, 142.2086

Rectangle

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



55.2611, 29.0543, 69.0251



55.0090, 29.0543, 10.5147



11.1834, 29.0543, 10.9902



11.2706, 29.0543, 70.6808

Sweetspot

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



55.2617, 29.0556, 69.0256



76.7675, 66.2667, 94.0760



23.7982, 12.2123, 95.7106



15.9580, 13.3239, 19.7105



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.



55.2617, 29.0556, 69.0256



53.1295, 26.2960, 63.6757



45.8972, 25.3097, 19.7125



18.6400, 18.2393, 21.9874



27.5383, 13.5046, 32.5487



2.7170, 1.3292, 3.3569

Inverse Universe

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



55.2617, 29.0556, 69.0256



53.1295, 26.2960, 63.6757



46.8142, 76.1238, 61.9041



18.6400, 18.2393, 21.9874



27.5383, 13.5046, 32.5487



2.7170, 1.3292, 3.3569

Previews

White Background



This preview shows how the XYZ color 55.2611, 29.0543, 69.0251 looks on a white background.

Color Contrast Check

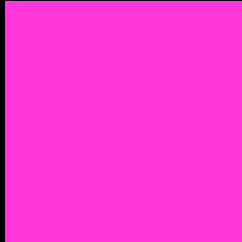
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2611, 29.0543, 69.0251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

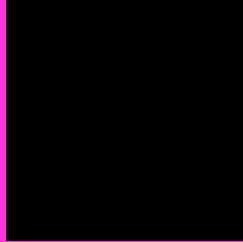
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 55.2611, 29.0543, 69.0251

Background



This preview shows how black text looks on a background with the XYZ color 55.2611, 29.0543, 69.0251.



This preview shows how white text looks on a background with the XYZ color 55.2611, 29.0543,

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

55.2611, 29.0543, 69.0251

Protanopia

32.8471, 29.6533, 98.6002

Deuteranopia

29.8702, 29.1426, 62.4433



Tritanopia

44.0311, 28.7618, 16.0628

Trichromacy



Original Color

55.2611, 29.0543, 69.0251



Protanomaly

35.1476, 24.8692, 86.9521



Deuteranomaly

34.6606, 25.1257, 63.9957



Tritanomaly

46.8395, 28.0354, 29.7307

Monochromacy



Original Color

55.2611, 29.0543, 69.0251



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

29.8839, 22.1306, 37.8185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2611, 29.0543, 69.0251 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(255, 55, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 218)  
}
```

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(255, 55, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.2611, 29.0543, 69.0251 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(255, 55, 218) }
```


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

```
.border{ border-color:rgb(255, 55, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2611, 29.0543, 69.0251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 218) }
```

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

```
.background{ background-color: rgb(255, 55,  
218) }
```

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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