

Converting Colors

XYZ(56.2937, 29.6225, 73.9849)

Have a look what the booklet for
XYZ(56.2937, 29.6225, 73.9849)
contains.

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Color

**XYZ(56.2937, 29.6225,
73.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	FF39E1
RGB	255, 57, 225
RGB Percent	100%, 22%, 88%
CMY	0.0000, 0.7764, 0.1176
CMYK	0.00, 0.78, 0.12, 0.00
HSL	309°, 100%, 61%
HSV	309°, 78%, 100%
XYZ	56.2937, 29.6225, 73.9849
YIQ	135.3540, 64.0800, 94.2240

Conversions

Conversions Part 2

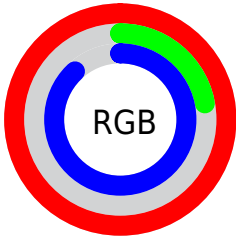
Format	Color
R _Y B	255, 57, 225
Decimal	16726497
CIE _{Lab}	61.33, 86.59, -42.51
CIE _{LCh}	61, 96.462, 333.854
Yxy	29.6225, 0.3521, 0.1853
Android (android.graphics.Color)	4294916577 (0xFFFF39E1)
YUV	135.3540, 44.1955, 104.9295
Hunter-Lab	54.4266, 89.3771, -42.4974

Details

The XYZ color **56.2937, 29.6225, 73.9849** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **39.1689, 73.0786, 21.0606**, and the grayscale version is **22.9872, 24.1843, 26.3367**.

A 20% lighter version of the original color is **66.6236, 43.1472, 99.4245**, and **29.4096, 14.3339, 38.7528** is the 20% darker color. If you saturate the color by 10%, you get **54.8129, 27.4947, 70.9202**, and if you desaturate by 10%, it is **58.4200, 33.0218, 77.3242**.

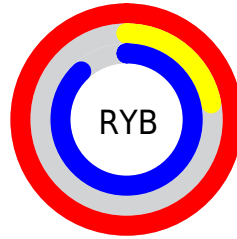
Distribution



Red (100%)

Green (22%)

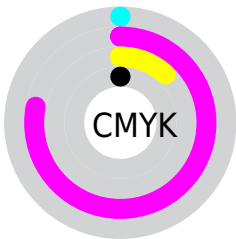
Blue (88%)



Red (100%)

Yellow (22%)

Blue (88%)

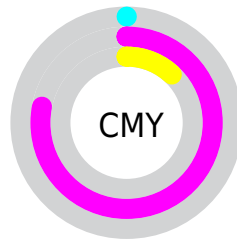


Cyan (0%)

Magenta (78%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (78%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2937, 29.6225, 73.9849 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 56.2937, 29.6225, 73.9849 by changing the saturation by 10% instead.


 56.2937, 29.6225,
73.9849


 56.2937, 29.6225,
73.9849

400.8545,
300.1409, 493.5833

 40.6764, 19.5522,
54.2850

 98.5712, 59.0647,
126.6082

 28.2528, 12.0700,
38.4348


 125.9621, 79.2054,
160.3687


 18.6578, 6.7914,
26.0159


 158.0082,
103.4717, 199.6532

 11.5258, 3.3320,
16.6097

 195.0748,
132.2479, 244.8801

 6.4915, 1.3074,
9.7976

 237.5275,
165.9186, 296.4680

 3.1897, 0.1469,
5.1611

285.7314,

 1.2549, 0.0000,

204.8680, 354.8355

2.2817

340.0519,
249.4807, 420.4011

■ 0.1490, 0.0000,
0.7209

■ 0.0000, 0.0000,
0.0000

■ 56.2937, 29.6225,
73.9849

■ 56.2937, 29.6225,
73.9849

■ 54.8129, 27.4947,
70.9202

■ 58.4200, 33.0218,
77.3242

■ 53.8652, 26.4145,
68.0914

■ 61.2731, 37.8555,
80.9647

■ 53.6815, 26.2366,
67.4461

■ 64.9244, 44.2664,
84.9309

■ 69.4363, 52.3791,
89.2440

74.8649, 62.3055,
93.9230

81.2615, 74.1482,
98.9853

88.6736, 88.0020,
104.4472

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.



44.0868, 29.6225, 132.3235



56.2937, 29.6225, 73.9849



60.2657, 29.6225, 27.7732

Triad

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



56.2937, 29.6225, 73.9849



26.5439, 29.6225, 0.6637



12.3428, 29.6225, 89.0863

Complementary

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



56.2937, 29.6225, 73.9849



39.1689, 73.0786, 21.0606

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.



10.1302, 29.6225, 37.1923



56.2937, 29.6225, 73.9849



16.6149, 29.6225, 2.0511

Square

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



56.2937, 29.6225, 73.9849



40.3594, 29.6225, 1.3890



11.4187, 29.6225, 10.1943



18.6987, 29.6225, 144.7535

Rectangle

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



56.2937, 29.6225, 73.9849



56.9520, 29.6225, 11.4177



11.4187, 29.6225, 10.1943



11.1938, 29.6225, 69.6585

Sweetspot

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



56.2944, 29.6238, 73.9854



77.7109, 67.5587, 96.2242



23.4173, 12.1599, 95.7206



16.1554, 13.5776, 20.2111



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.



56.2944, 29.6238, 73.9854



54.2488, 26.8057, 69.3785



46.4896, 25.7019, 22.3538



18.6674, 18.2503, 22.1316



28.0945, 13.7271, 35.4779



2.7661, 1.3488, 3.6157

Inverse Universe

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



56.2944, 29.6238, 73.9854



54.2488, 26.8057, 69.3785



46.2796, 75.9228, 58.5052



18.6674, 18.2503, 22.1316



28.0945, 13.7271, 35.4779



2.7661, 1.3488, 3.6157

Previews

White Background



This preview shows how the XYZ color 56.2937, 29.6225, 73.9849 looks on a white background.

Color Contrast Check

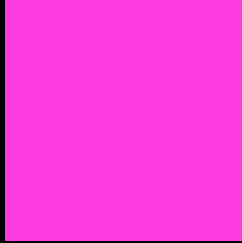
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.2937, 29.6225, 73.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

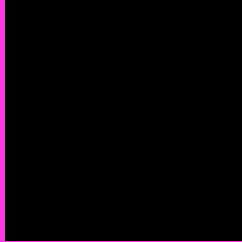
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 56.2937, 29.6225, 73.9849

Background



This preview shows how black text looks on a background with the XYZ color 56.2937, 29.6225, 73.9849.



This preview shows how white text looks on a background with the XYZ color 56.2937, 29.6225,

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

56.2937, 29.6225, 73.9849

Protanopia

33.2124, 30.0675, 98.6609

Deuteranopia

30.6123, 29.8825, 67.1052



Tritanopia

44.5192, 29.4090, 17.2400

Trichromacy



Original Color

56.2937, 29.6225, 73.9849



Protanomaly

35.7518, 25.3105, 88.5890



Deuteranomaly

35.3363, 25.7023, 68.7443



Tritanomaly

47.3867, 28.4991, 31.8575

Monochromacy



Original Color

56.2937, 29.6225, 73.9849



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

30.9160, 22.9262, 39.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2937, 29.6225, 73.9849 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, 57, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 225)  
}
```

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, 57, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 225) }
```

Border

The CSS property to change the border of an element to XYZ 56.2937, 29.6225, 73.9849 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, 57, 225) }
```


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

```
.border{ border-color:rgb(255, 57, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2937, 29.6225, 73.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 225) }
```

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

```
.background{ background-color: rgb(255, 57,  
225) }
```

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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