

Converting Colors

XYZ(56.5156, 29.3110, 79.2713)

Have a look what the booklet for
XYZ(56.5156, 29.3110, 79.2713)
contains.

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Color

**XYZ(56.3466, 29.2550,
79.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	FD35E8
RGB	253, 53, 232
RGB Percent	99%, 21%, 91%
CMY	0.0078, 0.7921, 0.0902
CMYK	0.00, 0.79, 0.08, 0.01
HSL	306°, 98%, 60%
HSV	306°, 79%, 99%
XYZ	56.3466, 29.2550, 79.0209
YIQ	133.2060, 61.7410, 98.0690

Conversions

Conversions Part 2

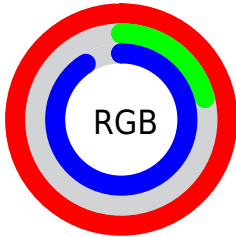
Format	Color
R _Y B	253, 53, 232
Decimal	16594408
CIE Lab	61.01, 88.11, -46.96
CIE LCh	61, 99.841, 331.942
Yxy	29.2550, 0.3423, 0.1777
Android (android.graphics.Color)	4294784488 (0xFFFD35E8)
YUV	133.2060, 48.7054, 105.0593
Hunter-Lab	54.0879, 91.3003, -48.7595

Details

The XYZ color **56.3466, 29.2550, 79.0209** 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 **37.8310, 71.5032, 18.2884**, and the grayscale version is **22.1841, 23.3394, 25.4166**.

A 20% lighter version of the original color is **66.3730, 42.6459, 99.3410**, and **29.5747, 14.3411, 42.2836** is the 20% darker color. If you saturate the color by 10%, you get **55.1078, 27.3762, 76.7602**, and if you desaturate by 10%, it is **58.2010, 32.3545, 81.5154**.

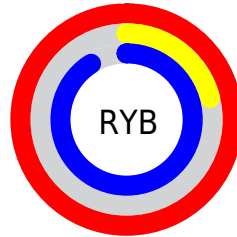
Distribution



Red (99%)

Green (21%)

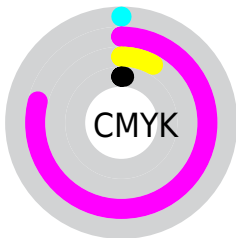
Blue (91%)



Red (99%)

Yellow (21%)

Blue (91%)

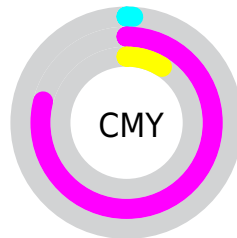


Cyan (0%)

Magenta (79%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (79%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3466, 29.2550, 79.0209 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 56.3466, 29.2550, 79.0209 by changing the saturation by 10% instead.


 56.3466, 29.2550,
79.0209

 56.3466, 29.2550,
79.0209


401.0503,
298.4162, 511.2465


 40.7190, 19.2738,
58.3916

 98.6480, 58.4820,
133.7872


 28.2863, 11.8683,
41.7067


 126.0526, 78.4966,
168.7613


 18.6831, 6.6541,
28.5479


 158.1134,
102.6244, 209.3540

 11.5442, 3.2467,
18.4964

 195.1960,
131.2499, 255.9840

 6.5041, 1.2619,
11.1339

 237.6656,
164.7574, 309.0696

 3.1975, 0.1114,
6.0416

285.8876,

 1.2590, 0.0000,

203.5314, 369.0296

2.8012

340.2274,
247.9562, 436.2824

■ 0.1522, 0.0000,
0.9941

■ 0.0000, 0.0000,
0.0000

■ 56.3466, 29.2550,
79.0209

■ 56.3466, 29.2550,
79.0209

■ 55.1078, 27.3762,
76.7602

■ 58.2010, 32.3545,
81.5154

■ 54.3566, 26.4640,
74.6898

■ 60.7519, 36.8385,
84.2700

■ 54.2955, 26.3977,
74.4975

■ 64.0710, 42.8499,
87.3092

■ 68.2207, 50.5129,
90.6537

73.2564, 59.9390,
94.3222

79.2292, 71.2297,
98.3318

86.1860, 84.4791,
102.6983

94.0387, 99.5110,
107.3924

94.3185, 99.6229,
108.8658

Harmonies

Analogous

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



43.3057, 29.2550, 140.0253



56.3466, 29.2550, 79.0209



61.1779, 29.2550, 29.4804

Triad

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



56.3466, 29.2550, 79.0209



26.9645, 29.2550, 0.3774



11.4859, 29.2550, 87.0039

Complementary

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



56.3466, 29.2550, 79.0209



37.8310, 71.5032, 18.2884

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.



9.5120, 29.2550, 34.3511



56.3466, 29.2550, 79.0209



16.5315, 29.2550, 1.5094

Square

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



56.3466, 29.2550, 79.0209



41.3571, 29.2550, 1.2125



11.0208, 29.2550, 8.5987



17.5946, 29.2550, 146.6613

Rectangle

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



56.3466, 29.2550, 79.0209



58.1781, 29.2550, 11.8403



11.0208, 29.2550, 8.5987



10.4214, 29.2550, 66.9575

Sweetspot

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



56.3477, 29.2564, 79.0215



77.5197, 66.5676, 98.0372



21.7520, 11.0561, 93.9172



16.1416, 13.3973, 20.6773



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.



56.3477, 29.2564, 79.0215



55.6021, 27.2301, 76.8657



46.0163, 25.1239, 24.6172



18.7056, 18.2656, 22.3329



28.9154, 14.0555, 39.8005



2.8380, 1.3776, 3.9945

Inverse Universe

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



56.3477, 29.2564, 79.0215



55.6021, 27.2301, 76.8657



44.1379, 74.0259, 51.5001



18.7056, 18.2656, 22.3329



28.9154, 14.0555, 39.8005



2.8380, 1.3776, 3.9945

Previews

White Background



This preview shows how the XYZ color 56.3466, 29.2550, 79.0209 looks on a white background.

Color Contrast Check

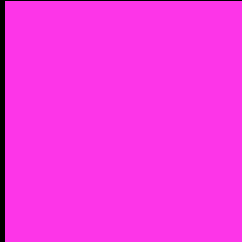
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.3466, 29.2550, 79.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

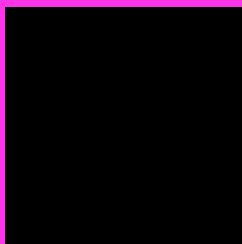
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 56.3466, 29.2550, 79.0209

Background



This preview shows how black text looks on a background with the XYZ color 56.3466, 29.2550, 79.0209.



This preview shows how white text looks on a background with the XYZ color 56.3466, 29.2550,

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

56.3466, 29.2550, 79.0209

Protanopia

32.8471, 29.6533, 98.6002

Deuteranopia

30.1353, 29.3171, 71.0883



Tritanopia

43.6361, 29.0908, 17.5026

Trichromacy



Original Color

56.3466, 29.2550, 79.0209



Protanomaly

35.6098, 24.8566, 90.9166



Deuteranomaly

34.7658, 24.9695, 73.5082



Tritanomaly

46.5763, 28.0530, 33.0969

Monochromacy



Original Color

56.3466, 29.2550, 79.0209



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

30.2432, 22.1123, 40.2102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3466, 29.2550, 79.0209 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(253, 53, 232)` looks like.

```
.text, #text, p{  
    color:rgb(253, 53, 232)  
}
```

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(253, 53, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 53, 232) }
```

Border

The CSS property to change the border of an element to XYZ 56.3466, 29.2550, 79.0209 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(253, 53, 232) }
```


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

```
.border{ border-color:rgb(253, 53, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 53, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 53, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 53, 232);  
box-shadow:4px 4px 4px 4px rgb(253, 53,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3466, 29.2550, 79.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 53, 232) }
```

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

```
.background{ background-color: rgb(253, 53,  
232) }
```

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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