

Converting Colors

XYZ(55.1058, 27.9282, 71.4882)

Have a look what the booklet for
XYZ(55.1058, 27.9282, 71.4882)
contains.

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Color

**XYZ(55.1179, 27.9202,
71.5913)**

Conversions

Conversions Part 1

Format	Color
Hex	FF26DE
RGB	255, 38, 222
RGB Percent	100%, 15%, 87%
CMY	0.0000, 0.8509, 0.1294
CMYK	0.00, 0.85, 0.13, 0.00
HSL	309°, 100%, 57%
HSV	309°, 85%, 100%
XYZ	55.1179, 27.9202, 71.5913
YIQ	123.8590, 70.2680, 103.2280

Conversions

Conversions Part 2

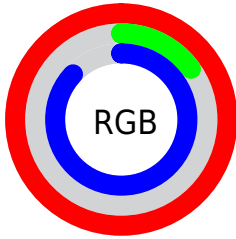
Format	Color
RYB	255, 38, 222
Decimal	16721630
CIELab	59.82, 90.16, -43.19
CIELCh	60, 99.971, 334.401
Yxy	27.9202, 0.3565, 0.1806
Android (android.graphics.Color)	4294911710 (0xFFFF26DE)
YUV	123.8590, 48.3835, 115.0107
Hunter-Lab	52.8396, 93.7273, -43.3432

Details

The XYZ color **55.1179, 27.9202, 71.5913** 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 **37.6980, 72.3876, 17.9498**, and the grayscale version is **18.9427, 19.9292, 21.7029**.

A 20% lighter version of the original color is **65.3073, 40.5146, 98.9858**, and **28.8753, 14.0906, 37.2743** is the 20% darker color. If you saturate the color by 10%, you get **54.0488, 26.6041, 68.6999**, and if you desaturate by 10%, it is **56.7572, 30.3572, 74.7323**.

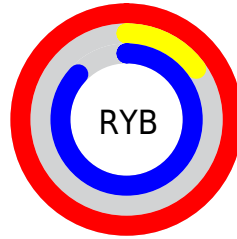
Distribution



Red (100%)

Green (15%)

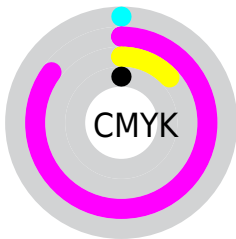
Blue (87%)



Red (100%)

Yellow (15%)

Blue (87%)

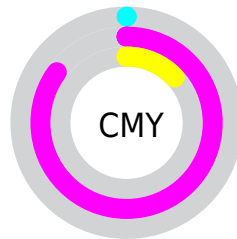


Cyan (0%)

Magenta (85%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1179, 27.9202, 71.5913 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 55.1179, 27.9202, 71.5913 by changing the saturation by 10% instead.


 55.1179, 27.9202,
71.5913

 55.1179, 27.9202,
71.5913

396.4878,
292.0854, 485.0571


 39.7303, 18.2655,
52.3401


 96.8610, 56.3570,
123.1776


 27.5116, 11.1408,
36.8921


 123.9472, 75.9079,
156.3498

 18.0964, 6.1616,
24.8288


 155.6637, 99.5264,
194.9993

 11.1193, 2.9436,
15.7317

 192.3759,
127.5968, 239.5448

 6.2150, 1.1024,
9.1822

 234.4490,
160.5034, 290.4048

 3.0182, 0.0000,
4.7618

282.2485,

 1.1634, 0.0000,

198.6309, 347.9978

2.0519

336.1396,
242.3634, 412.7424

■ 0.0772, 0.0000,
0.5869

■ 0.0000, 0.0000,
0.0000

■ 55.1179, 27.9202,
71.5913

■ 55.1179, 27.9202,
71.5913

■ 54.0488, 26.6041,
68.6999

■ 56.7572, 30.3572,
74.7323

■ 53.6629, 26.2292,
67.3480

■ 59.0628, 34.1076,
78.1544

■ 62.1150, 39.3318,
81.8852

■ 65.9822, 46.1665,
85.9478

70.7248, 54.7325,
90.3627

76.3978, 65.1393,
95.1486

83.0512, 77.4873,
100.3227

90.7318, 91.8696,
105.9007

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.



42.8125, 27.9202, 131.9043



55.1179, 27.9202, 71.5913



58.9793, 27.9202, 25.3556

Triad

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



55.1179, 27.9202, 71.5913



24.7118, 27.9202, 0.2416



11.0879, 27.9202, 89.2878

Complementary

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



55.1179, 27.9202, 71.5913



37.6980, 72.3876, 17.9498

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.



8.9082, 27.9202, 36.0734



55.1179, 27.9202, 71.5913



15.0186, 27.9202, 1.5271

Square

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



55.1179, 27.9202, 71.5913



38.5121, 27.9202, 0.9070



10.0758, 27.9202, 9.1255



17.3442, 27.9202, 146.6625

Rectangle

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



55.1179, 27.9202, 71.5913



55.4687, 27.9202, 9.7305



10.0758, 27.9202, 9.1255



9.9634, 27.9202, 69.2786

Sweetspot

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



55.1186, 27.9214, 71.5918



75.8418, 64.1137, 94.6974



21.3106, 9.9308, 95.4014



15.7960, 12.9184, 19.9077



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.



55.1186, 27.9214, 71.5918



53.6629, 26.2292, 67.3480



44.9689, 23.8616, 18.1441



18.6669, 18.2501, 22.1292



28.0849, 13.7233, 35.4273



2.7653, 1.3485, 3.6113

Inverse Universe

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



55.1186, 27.9214, 71.5918



53.6629, 26.2292, 67.3480



44.7025, 75.1894, 54.8350



18.6669, 18.2501, 22.1292



28.0849, 13.7233, 35.4273



2.7653, 1.3485, 3.6113

Previews

White Background



This preview shows how the XYZ color 55.1179, 27.9202, 71.5913 looks on a white background.

Color Contrast Check

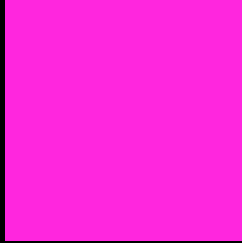
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.1179, 27.9202, 71.5913 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 55.1179, 27.9202, 71.5913

Background



This preview shows how black text looks on a background with the XYZ color 55.1179, 27.9202, 71.5913.



This preview shows how white text looks on a background with the XYZ color 55.1179, 27.9202,

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

55.1179, 27.9202, 71.5913

Protanopia

31.7913, 28.4434, 98.4223

Deuteranopia

28.8023, 28.0999, 64.2274



Tritanopia

43.4272, 27.9436, 14.6601

Trichromacy



Original Color

55.1179, 27.9202, 71.5913



Protanomaly

33.7057, 22.8557, 87.4291



Deuteranomaly

33.3376, 23.2830, 66.3553



Tritanomaly

46.0519, 26.7047, 28.7139

Monochromacy



Original Color

55.1179, 27.9202, 71.5913



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

27.2728, 19.1374, 35.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1179, 27.9202, 71.5913 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, 38, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 222)  
}
```

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, 38, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.1179, 27.9202, 71.5913 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, 38, 222) }
```


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

```
.border{ border-color:rgb(255, 38, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1179, 27.9202, 71.5913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 222) }
```

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

```
.background{ background-color: rgb(255, 38,  
222) }
```

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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