

Converting Colors

XYZ(53.1805, 26.7025, 62.7535)

Have a look what the booklet for
XYZ(53.1805, 26.7025, 62.7535)
contains.

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Color

**XYZ(53.1639, 26.6940,
62.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1CD1
RGB	255, 28, 209
RGB Percent	100%, 11%, 82%
CMY	0.0000, 0.8901, 0.1804
CMYK	0.00, 0.89, 0.18, 0.00
HSL	312°, 100%, 55%
HSV	312°, 89%, 100%
XYZ	53.1639, 26.6940, 62.6720
YIQ	116.5070, 77.1910, 104.4150

Conversions

Conversions Part 2

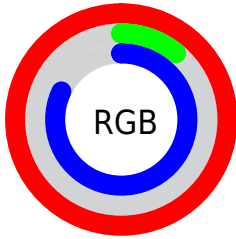
Format	Color
R _Y B	255, 28, 209
Decimal	16719057
CIE Lab	58.69, 90.03, -37.59
CIE LCh	59, 97.561, 337.337
Yxy	26.6940, 0.3730, 0.1873
Android (android.graphics.Color)	4294909137 (0xFFFF1CD1)
YUV	116.5070, 45.5990, 121.4584
Hunter-Lab	51.6662, 93.2583, -35.7534

Details

The XYZ color **53.1639, 26.6940, 62.6720** 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 **37.4765, 72.2620, 18.4560**, and the grayscale version is **16.6081, 17.4730, 19.0281**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **27.8251, 13.6706, 31.7440** is the 20% darker color. If you saturate the color by 10%, you get **52.1464, 25.6664, 59.2271**, and if you desaturate by 10%, it is **54.6964, 28.7181, 66.3915**.

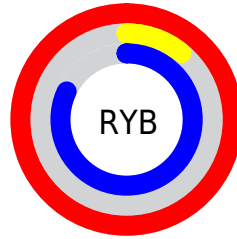
Distribution



Red (100%)

Green (11%)

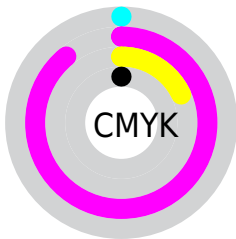
Blue (82%)



Red (100%)

Yellow (11%)

Blue (82%)

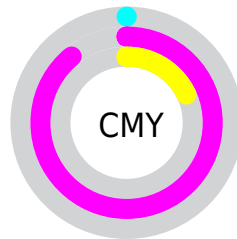


Cyan (0%)

Magenta (89%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1639, 26.6940, 62.6720 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 53.1639, 26.6940, 62.6720 by changing the saturation by 10% instead.


 53.1639, 26.6940,
62.6720

 53.1639, 26.6940,
62.6720


389.1642,
286.1725, 452.4533

 38.1616, 17.3435,
45.1366

 94.0096, 54.3924,
110.2772


 26.2859, 10.4797,
31.2213


 120.5838, 73.5092,
141.1840


 17.1715, 5.7182,
20.5076


 151.7459, 96.6502,
177.3852

 10.4529, 2.6745,
12.5768

 187.8614,
124.1998, 219.2990

 5.7648, 0.9643,
7.0105

 229.2957,
156.5425, 267.3443

 2.7419, 0.0000,
3.3901

276.4140,

 1.0188, 0.0000,

194.0625, 321.9393

1.2971

329.5817,
237.1444, 383.5028

■ 0.0000, 0.0000,
0.0594

■ 0.0000, 0.0000,
0.0000

■ 53.1639, 26.6940,
62.6720

■ 53.1639, 26.6940,
62.6720

■ 52.1464, 25.6664,
59.2271

■ 54.6964, 28.7181,
66.3915

■ 52.0577, 25.5871,
58.8953

■ 56.8684, 31.9880,
70.4272

■ 59.7666, 36.6762,
74.8093

■ 63.4631, 42.9271,
79.5627

68.0215, 50.8673,
84.7095

73.4987, 60.6103,
90.2696

79.9466, 72.2599,
96.2612

87.4134, 85.9119,
102.7011

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.



42.0901, 26.6940, 119.5778



53.1639, 26.6940, 62.6720



55.8139, 26.6940, 21.4191

Triad

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



53.1639, 26.6940, 62.6720



22.5388, 26.6940, 0.3096



11.0963, 26.6940, 90.3592

Complementary

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



53.1639, 26.6940, 62.6720



37.4765, 72.2620, 18.4560

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.



8.6817, 26.6940, 38.3437



53.1639, 26.6940, 62.6720



13.7959, 26.6940, 1.8275

Square

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



53.1639, 26.6940, 62.6720



35.3377, 26.6940, 0.7804



9.4842, 26.6940, 10.3189



17.4816, 26.6940, 142.5716

Rectangle

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



53.1639, 26.6940, 62.6720



51.8728, 26.6940, 8.0594



9.4842, 26.6940, 10.3189



9.9027, 26.6940, 71.1791

Sweetspot

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



53.1646, 26.6952, 62.6725



74.7147, 62.7947, 91.4382



21.2456, 9.4848, 95.3187



15.5547, 12.6559, 19.1487



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.



53.1646, 26.6952, 62.6725



52.0577, 25.5871, 58.8953



43.7727, 22.9385, 13.2155



18.6256, 18.2336, 21.9117



27.2565, 13.3919, 31.0650



2.6919, 1.3191, 3.2251

Inverse Universe

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



53.1646, 26.6952, 62.6725



52.0577, 25.5871, 58.8953



45.1994, 75.3512, 59.1241



18.6256, 18.2336, 21.9117



27.2565, 13.3919, 31.0650



2.6919, 1.3191, 3.2251

Previews

White Background



This preview shows how the XYZ color 53.1639, 26.6940, 62.6720 looks on a white background.

Color Contrast Check

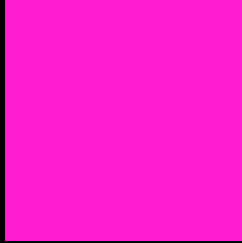
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1639, 26.6940, 62.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

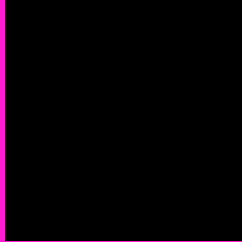
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.1639, 26.6940, 62.6720

Background



This preview shows how black text looks on a background with the XYZ color 53.1639, 26.6940, 62.6720.



This preview shows how white text looks on a background with the XYZ color 53.1639, 26.6940,

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

53.1639, 26.6940, 62.6720

Protanopia

30.7946, 27.2818, 98.2506

Deuteranopia

27.5103, 26.9526, 55.9770



Tritanopia

42.7502, 26.6477, 12.5632

Trichromacy



Original Color

53.1639, 26.6940, 62.6720



Protanomaly

31.6544, 21.0194, 83.2777



Deuteranomaly

31.7990, 21.7987, 57.7899



Tritanomaly

45.1340, 25.5000, 24.7335

Monochromacy



Original Color

53.1639, 26.6940, 62.6720



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

24.6899, 16.9145, 30.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1639, 26.6940, 62.6720 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, 28, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 209)  
}
```

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, 28, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.1639, 26.6940, 62.6720 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, 28, 209) }
```


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

```
.border{ border-color:rgb(255, 28, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1639, 26.6940, 62.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 209) }
```

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

```
.background{ background-color: rgb(255, 28,  
209) }
```

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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