

Converting Colors

XYZ(54.3533, 26.9801, 69.5204)

Have a look what the booklet for
XYZ(54.3533, 26.9801, 69.5204)
contains.

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Color

**XYZ(54.3326, 26.9873,
69.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	FF17DB
RGB	255, 23, 219
RGB Percent	100%, 9%, 86%
CMY	0.0000, 0.9097, 0.1412
CMYK	0.00, 0.91, 0.14, 0.00
HSL	309°, 100%, 55%
HSV	309°, 91%, 100%
XYZ	54.3326, 26.9873, 69.3632
YIQ	114.7120, 75.3560, 110.1400

Conversions

Conversions Part 2

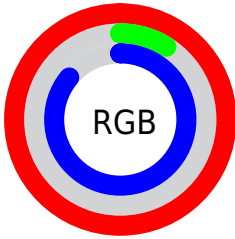
Format	Color
R _Y B	255, 23, 219
Decimal	16717787
CIE Lab	58.96, 91.85, -42.84
CIE LCh	59, 101.350, 334.993
Yxy	26.9873, 0.3606, 0.1791
Android (android.graphics.Color)	4294907867 (0xFFFF17DB)
YUV	114.7120, 51.4140, 123.0326
Hunter-Lab	51.9493, 95.7778, -42.8001

Details

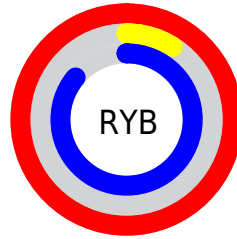
The XYZ color **54.3326, 26.9873, 69.3632** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36.9042, 72.0186, 16.0977**, and the grayscale version is **16.0474, 16.8831, 18.3857**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **28.6032, 13.9818, 35.8415** is the 20% darker color. If you saturate the color by 10%, you get **53.5606, 26.1882, 66.8094**, and if you desaturate by 10%, it is **55.6323, 28.7430, 72.3979**.

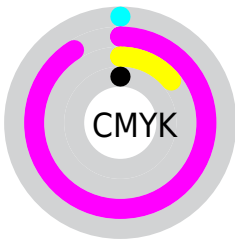
Distribution



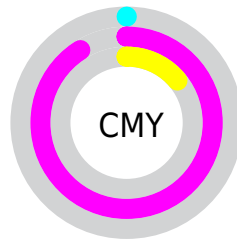
- Red (100%)
- Green (9%)
- Blue (86%)



- Red (100%)
- Yellow (9%)
- Blue (86%)



- Cyan (0%)
- Magenta (91%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3326, 26.9873, 69.3632 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 54.3326, 26.9873, 69.3632 by changing the saturation by 10% instead.


 54.3326, 26.9873,
69.3632

 54.3326, 26.9873,
69.3632

393.5547,
287.5956, 477.0395

 39.0994, 17.5637,
50.5340


 95.7165, 54.8635,
119.9728


 27.0181, 10.6372,
35.4637


 122.5978, 74.0848,
152.5902

 17.7235, 5.8234,
23.7339


 154.0925, 97.3409,
190.6407

 10.8501, 2.7380,
14.9260

 190.5660,
125.0161, 234.5430

 6.0327, 0.9965,
8.6214

 232.3836,
157.4947, 284.7154

 2.9058, 0.0000,
4.4016

279.9107,

 1.1042, 0.0000,

195.1613, 341.5766

1.8482

333.5126,
238.4001, 405.5451

■ 0.0286, 0.0000,
0.4595

■ 0.0000, 0.0000,
0.0000

■ 54.3326, 26.9873,
69.3632

■ 54.3326, 26.9873,
69.3632

■ 53.5606, 26.1882,
66.8094

■ 55.6323, 28.7430,
72.3979

■ 57.5442, 31.7030,
75.6980

■ 60.1580, 36.0468,
79.2939

■ 63.5483, 41.9232,
83.2111

■ 67.7797, 49.4617,
87.4713

■ 72.9104, 58.7782,
92.0945

■ 78.9930, 69.9780,
97.0985

■ 86.0763, 83.1583,
102.4999

94.2055, 98.4097,
108.3144

Harmonies

Analogous

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



42.1322, 26.9873, 130.1847



54.3326, 26.9873, 69.3632



57.9926, 26.9873, 23.7690

Triad

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



54.3326, 26.9873, 69.3632



23.6065, 26.9873, 0.0485



10.5228, 26.9873, 89.5281

Complementary

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



54.3326, 26.9873, 69.3632



36.9042, 72.0186, 16.0977

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.



8.3360, 26.9873, 35.8215



54.3326, 26.9873, 69.3632



14.1490, 26.9873, 1.3437

Square

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



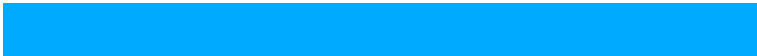
54.3326, 26.9873, 69.3632



37.2667, 26.9873, 0.6858



9.4050, 26.9873, 8.7791



16.7404, 26.9873, 147.0991

Rectangle

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



54.3326, 26.9873, 69.3632



54.3365, 26.9873, 8.7856



9.4050, 26.9873, 8.7791



9.4038, 26.9873, 69.3375

Sweetspot

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



54.3332, 26.9885, 69.3637



75.2076, 62.9919, 94.0338



20.0918, 8.7283, 95.2335



15.6725, 12.7030, 19.7692



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.



54.3332, 26.9885, 69.3637



53.5606, 26.1882, 66.8094



44.0569, 22.8779, 15.2491



18.6644, 18.2491, 22.1158



28.0322, 13.7022, 35.1495



2.7606, 1.3466, 3.5868

Inverse Universe

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



54.3332, 26.9885, 69.3637



53.5606, 26.1882, 66.8094



43.7356, 74.7511, 52.0710



18.6644, 18.2491, 22.1158



28.0322, 13.7022, 35.1495



2.7606, 1.3466, 3.5868

Previews

White Background



This preview shows how the XYZ color 54.3326, 26.9873, 69.3632 looks on a white background.

Color Contrast Check

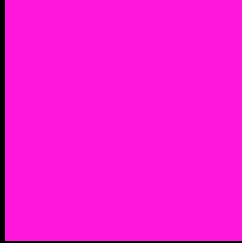
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3326, 26.9873, 69.3632 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 54.3326, 26.9873, 69.3632

Background



This preview shows how black text looks on a background with the XYZ color 54.3326, 26.9873, 69.3632.



This preview shows how white text looks on a background with the XYZ color 54.3326, 26.9873,

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

54.3326, 26.9873, 69.3632

Protanopia

31.0289, 27.6165, 98.3029

Deuteranopia

28.0016, 27.2879, 62.1838



Tritanopia

42.7737, 27.0029, 13.3136

Trichromacy



Original Color

54.3326, 26.9873, 69.3632



Protanomaly

32.3343, 21.1632, 86.3851



Deuteranomaly

32.0619, 21.6540, 64.1178



Tritanomaly

45.2050, 25.4873, 26.9631

Monochromacy



Original Color

54.3326, 26.9873, 69.3632



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

24.4929, 16.4415, 32.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3326, 26.9873, 69.3632 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, 23, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 219)  
}
```

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, 23, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.3326, 26.9873, 69.3632 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, 23, 219) }
```


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

```
.border{ border-color:rgb(255, 23, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 23, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3326, 26.9873, 69.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 219) }
```

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

```
.background{ background-color: rgb(255, 23,  
219) }
```

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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