

Converting Colors

XYZ(53.5792, 26.4045, 87.0667)

Have a look what the booklet for
XYZ(53.5792, 26.4045, 87.0667)
contains.

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Color

**XYZ(53.5792, 26.4045,
87.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	F31DF3
RGB	243, 29, 243
RGB Percent	95%, 11%, 95%
CMY	0.0471, 0.8862, 0.0471
CMYK	0.00, 0.88, 0.00, 0.05
HSL	300°, 90%, 53%
HSV	300°, 88%, 95%
XYZ	53.5792, 26.4045, 87.0667
YIQ	117.3820, 58.8500, 111.9220

Conversions

Conversions Part 2

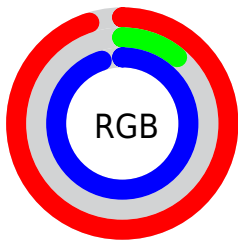
Format	Color
R _Y B	243, 29, 243
Decimal	15932915
CIE Lab	58.42, 92.27, -57.33
CIE LCh	58, 108.625, 328.146
Yxy	26.4045, 0.3207, 0.1581
Android (android.graphics.Color)	4294122995 (0xFFFF31DF3)
YUV	117.3820, 61.9297, 110.1670
Hunter-Lab	51.3853, 96.1967, -64.4906

Details

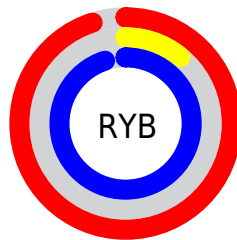
The XYZ color **53.5792, 26.4045, 87.0667** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32.7803, 64.4525, 11.8766**, and the grayscale version is **16.8315, 17.7080, 19.2840**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **28.1543, 13.4903, 47.5744** is the 20% darker color. If you saturate the color by 10%, you get **53.1916, 25.6285, 86.9376**, and if you desaturate by 10%, it is **54.4282, 28.1015, 87.3500**.

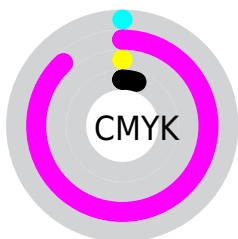
Distribution



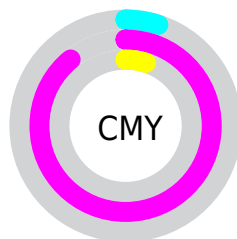
- Red (95%)
- Green (11%)
- Blue (95%)



- Red (95%)
- Yellow (11%)
- Blue (95%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (89%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5792, 26.4045, 87.0667 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 53.5792, 26.4045, 87.0667 by changing the saturation by 10% instead.


 53.5792, 26.4045,
87.0667

 53.5792, 26.4045,
87.0667


390.7279,
284.7621, 538.7639


 38.4947, 17.1265,
64.9905


 94.6166, 53.9268,
145.1568


 26.5458, 10.3247,
47.0021


 121.3002, 72.9399,
182.0077


 17.3672, 5.6148,
32.6829


 152.5809, 95.9667,
224.6207

 10.5936, 2.6123,
21.6145

 188.8241,
123.3918, 273.4141

 5.8595, 0.9328,
13.3783

 230.3950,
155.5995, 328.8066

 2.7997, 0.0000,
7.5558

277.6590,

 1.0487, 0.0000,

192.9742, 391.2167

3.7284

330.9815,
235.9003, 461.0630

■ 0.0000, 0.0000,
1.4776

■ 0.0000, 0.0000,
0.2011

■ 53.5792, 26.4045,
87.0667

■ 53.5792, 26.4045,
87.0667

■ 53.1916, 25.6285,
86.9376

■ 54.4282, 28.1015,
87.3500

■ 53.1404, 25.5261,
86.9205

■ 55.8379, 30.9209,
87.8200

■ 57.8840, 35.0130,
88.5021

■ 60.6295, 40.5040,
89.4173

64.1300, 47.5050,
90.5843

68.4355, 56.1160,
92.0195

73.5916, 66.4282,
93.7384

79.6407, 78.5263,
95.7548

86.6221, 92.4891,
98.0820

Harmonies

Analogous

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



39.1473, 26.4045, 153.1528



53.5792, 26.4045, 87.0667



60.1770, 26.4045, 31.1771

Triad

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



53.5792, 26.4045, 87.0667



25.9304, 26.4045, 0.0000



8.6603, 26.4045, 78.7815

Complementary

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



53.5792, 26.4045, 87.0667



32.7803, 64.4525, 11.8766

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.



7.2659, 26.4045, 26.4523



53.5792, 26.4045, 87.0667



14.8886, 26.4045, 0.3456

Square

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



53.5792, 26.4045, 87.0667



41.1001, 26.4045, 0.5912



9.0724, 26.4045, 4.8676



13.9027, 26.4045, 146.0612

Rectangle

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



53.5792, 26.4045, 87.0667



57.9571, 26.4045, 11.4779



9.0724, 26.4045, 4.8676



7.8290, 26.4045, 58.0144

Sweetspot

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



53.5803, 26.4057, 87.0672



77.4231, 64.7462, 103.0241



17.1250, 7.6123, 85.3620



16.1782, 13.0712, 21.9202



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.



53.5803, 26.4057, 87.0672



59.2898, 28.4799, 96.9788



41.8472, 21.7125, 25.2817



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7044



2.5633, 1.2313, 4.1928

Inverse Universe

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



53.5803, 26.4057, 87.0672



59.2898, 28.4799, 96.9788



37.0030, 66.1415, 34.1127



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7044



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 53.5792, 26.4045, 87.0667 looks on a white background.

Color Contrast Check

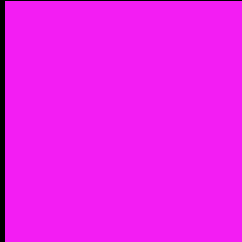
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5792, 26.4045, 87.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

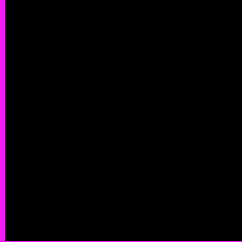
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.5792, 26.4045, 87.0667

Background



This preview shows how black text looks on a background with the XYZ color 53.5792, 26.4045, 87.0667.



This preview shows how white text looks on a background with the XYZ color 53.5792, 26.4045,

87.0667.

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

53.5792, 26.4045, 87.0667

Protanopia

30.3039, 26.8168, 98.1867

Deuteranopia

27.5982, 26.7331, 77.8342



Tritanopia

38.9124, 26.2493, 16.3803

Trichromacy



Original Color

53.5792, 26.4045, 87.0667



Protanomaly

32.4277, 21.1894, 93.6476



Deuteranomaly

30.9101, 20.9841, 80.2631



Tritanomaly

41.9032, 24.4553, 33.5221

Monochromacy



Original Color

53.5792, 26.4045, 87.0667



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

24.9636, 16.9279, 36.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5792, 26.4045, 87.0667 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(243, 29, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 29, 243)  
}
```

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(243, 29, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 29, 243) }
```

Border

The CSS property to change the border of an element to XYZ 53.5792, 26.4045, 87.0667 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(243, 29, 243) }
```


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

```
.border{ border-color:rgb(243, 29, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 29, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 29, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 29, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 29,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5792, 26.4045, 87.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 29, 243) }
```

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

```
.background{ background-color: rgb(243, 29,  
243) }
```

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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