

Converting Colors

XYZ(53.8442, 26.5185, 81.5661)

Have a look what the booklet for
XYZ(53.8442, 26.5185, 81.5661)
contains.

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Color

**XYZ(53.8457, 26.5255,
81.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	F719EC
RGB	247, 25, 236
RGB Percent	97%, 10%, 93%
CMY	0.0314, 0.9019, 0.0745
CMYK	0.00, 0.90, 0.04, 0.03
HSL	303°, 93%, 53%
HSV	303°, 90%, 97%
XYZ	53.8457, 26.5255, 81.6388
YIQ	115.4320, 64.5810, 112.6850

Conversions

Conversions Part 2

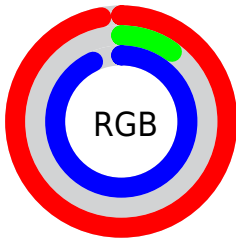
Format	Color
R _Y B	247, 25, 236
Decimal	16194028
CIE Lab	58.53, 92.46, -53.19
CIE LCh	59, 106.668, 330.089
Yxy	26.5255, 0.3324, 0.1637
Android (android.graphics.Color)	4294384108 (0xFFFF719EC)
YUV	115.4320, 59.4400, 115.3851
Hunter-Lab	51.5029, 96.4896, -57.9303

Details

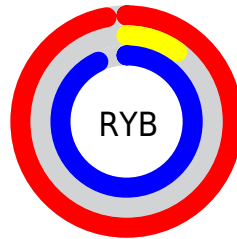
The XYZ color **53.8457, 26.5255, 81.6388** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **33.9814, 66.8568, 12.7846**, and the grayscale version is **16.2420, 17.0879, 18.6087**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **28.3864, 13.6938, 43.7949** is the 20% darker color. If you saturate the color by 10%, you get **53.3248, 25.7666, 80.5908**, and if you desaturate by 10%, it is **54.8059, 28.1595, 82.8396**.

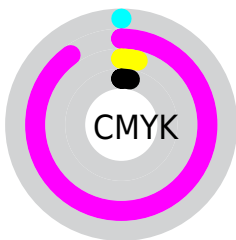
Distribution



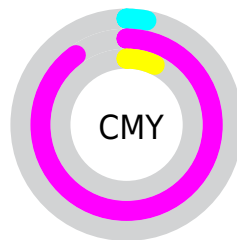
- Red (97%)
- Green (10%)
- Blue (93%)



- Red (97%)
- Yellow (10%)
- Blue (93%)



- Cyan (0%)
- Magenta (90%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (90%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8457, 26.5255, 81.6388 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 53.8457, 26.5255, 81.6388 by changing the saturation by 10% instead.


 53.8457, 26.5255,
81.6388


 53.8457, 26.5255,
81.6388

391.7293,
285.3523, 520.2904


 38.7085, 17.2172,
60.5338


 95.0059, 54.1215,
137.4995

 26.7127, 10.3895,
43.4209


 121.7596, 73.1780,
173.0922


 17.4931, 5.6579,
29.8817


 153.1161, 96.2526,
214.3513

 10.6841, 2.6382,
19.4975

 189.4409,
123.7298, 261.6952

 5.9206, 0.9459,
11.8499

 231.0992,
155.9940, 315.5426

 2.8370, 0.0000,
6.5202

278.4565,

 1.0682, 0.0000,

193.4296, 376.3118

3.0901

331.8781,
236.4208, 444.4216

■ 0.0000, 0.0000,
1.1408

■ 0.0000, 0.0000,
0.0000

■ 53.8457, 26.5255,
81.6388

■ 53.8457, 26.5255,
81.6388

■ 53.3248, 25.7666,
80.5908

■ 54.8059, 28.1595,
82.8396

■ 53.3190, 25.7587,
80.5775

■ 56.3340, 30.9280,
84.2355

■ 58.5113, 34.9932,
85.8539

■ 61.4055, 40.4900,
87.7172

65.0755, 47.5367,
89.8453

69.5744, 56.2391,
92.2557

74.9505, 66.6937,
94.9646

81.2482, 78.9898,
97.9868

88.5092, 93.2104,
101.3362

Harmonies

Analogous

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



40.0141, 26.5255, 146.5071



53.8457, 26.5255, 81.6388



59.5858, 26.5255, 28.7701

Triad

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



53.8457, 26.5255, 81.6388



25.1727, 26.5255, 0.0000



9.1274, 26.5255, 82.0267

Complementary

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



53.8457, 26.5255, 81.6388



33.9814, 66.8568, 12.7846

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.



7.5141, 26.5255, 28.9938



53.8457, 26.5255, 81.6388



14.6009, 26.5255, 0.6029

Square

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



53.8457, 26.5255, 81.6388



39.9222, 26.5255, 0.5913



9.1075, 26.5255, 5.8143



14.6479, 26.5255, 146.8376

Rectangle

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



53.8457, 26.5255, 81.6388



56.9159, 26.5255, 10.5520



9.1075, 26.5255, 5.8143



8.2166, 26.5255, 61.2984

Sweetspot

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



53.8467, 26.5268, 81.6393



76.3360, 63.4432, 99.9758



17.7457, 7.7256, 88.5527



15.9433, 12.8113, 21.1951



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.



53.8467, 26.5268, 81.6393



57.3215, 27.6926, 86.6142



42.6431, 22.0453, 22.6417



17.1761, 16.7533, 20.6737



28.2145, 13.6292, 42.6992



2.4905, 1.2022, 3.8093

Inverse Universe

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



53.8467, 26.5268, 81.6393



57.3215, 27.6926, 86.6142



38.6518, 68.7250, 37.3783



17.1761, 16.7533, 20.6737



28.2145, 13.6292, 42.6992



2.4905, 1.2022, 3.8093

Previews

White Background



This preview shows how the XYZ color 53.8457, 26.5255, 81.6388 looks on a white background.

Color Contrast Check

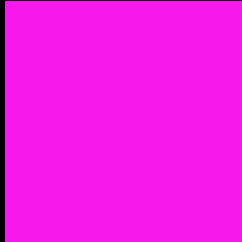
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8457, 26.5255, 81.6388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

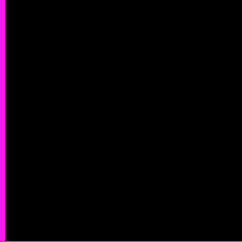
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.8457, 26.5255, 81.6388

Background



This preview shows how black text looks on a background with the XYZ color 53.8457, 26.5255, 81.6388.



This preview shows how white text looks on a background with the XYZ color 53.8457, 26.5255,

81.6388.

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

53.8457, 26.5255, 81.6388

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

27.6395, 26.8651, 72.8360



Tritanopia

40.0454, 26.4476, 15.3062

Trichromacy



Original Color

53.8457, 26.5255, 81.6388



Protanomaly

32.3733, 21.0775, 91.1690



Deuteranomaly

31.2759, 21.1451, 75.1060



Tritanomaly

42.9551, 24.7595, 31.3692

Monochromacy



Original Color

53.8457, 26.5255, 81.6388



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

24.3796, 16.3243, 34.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8457, 26.5255, 81.6388 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(247, 25, 236)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 236)  
}
```

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(247, 25, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 236) }
```

Border

The CSS property to change the border of an element to XYZ 53.8457, 26.5255, 81.6388 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(247, 25, 236) }
```


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

```
.border{ border-color:rgb(247, 25, 236) }
```

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

Here you see how a box with a 4 pixel rgb(247, 25, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8457, 26.5255, 81.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 236) }
```

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

```
.background{ background-color: rgb(247, 25,  
236) }
```

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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