

Converting Colors

XYZ(53.6141, 26.0612, 86.3057)

Have a look what the booklet for
XYZ(53.6141, 26.0612, 86.3057)
contains.

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Color

**XYZ(53.5205, 26.0145,
86.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	F410F2
RGB	244, 16, 242
RGB Percent	96%, 6%, 95%
CMY	0.0431, 0.9371, 0.0510
CMYK	0.00, 0.93, 0.01, 0.04
HSL	301°, 91%, 51%
HSV	301°, 93%, 96%
XYZ	53.5205, 26.0145, 86.2049
YIQ	109.9360, 63.3420, 118.6220

Conversions

Conversions Part 2

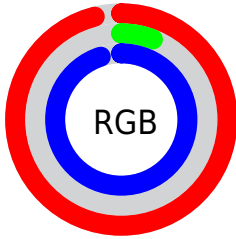
Format	Color
R_{YB}	244, 16, 242
Decimal	15995122
CIE _{Lab}	58.05, 93.70, -57.35
CIE _{LCh}	58, 109.858, 328.533
Yxy	26.0145, 0.3229, 0.1570
Android (android.graphics.Color)	4294185202 (0xFFFF410F2)
YUV	109.9360, 65.1076, 117.5741
Hunter-Lab	51.0044, 98.0478, -64.5057

Details

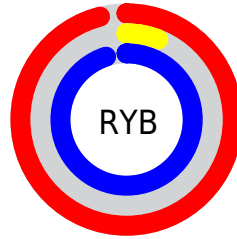
The XYZ color **53.5205, 26.0145, 86.2049** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32.6748, 64.8564, 11.3701**, and the grayscale version is **14.6150, 15.3761, 16.7446**.

A 20% lighter version of the original color is **64.4440, 38.7881, 98.6980**, and **28.2854, 13.5701, 47.0274** is the 20% darker color. If you saturate the color by 10%, you get **53.3147, 25.6357, 86.0322**, and if you desaturate by 10%, it is **54.1414, 27.2040, 86.5708**.

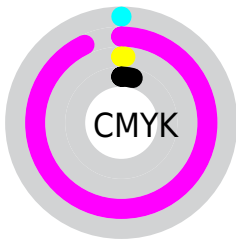
Distribution



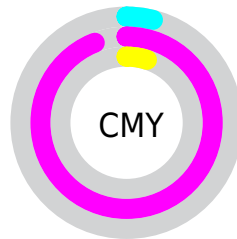
- Red (96%)
- Green (6%)
- Blue (95%)



- Red (96%)
- Yellow (6%)
- Blue (95%)



- Cyan (0%)
- Magenta (93%)
- Yellow (1%)
- Black (4%)




- Cyan (4%)
- Magenta (94%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5205, 26.0145, 86.2049 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 53.5205, 26.0145, 86.2049 by changing the saturation by 10% instead.


 53.5205, 26.0145,
86.2049


 53.5205, 26.0145,
86.2049

390.5071,
282.8533, 535.8548


 38.4476, 16.8345,
64.2816

 94.5309, 53.2983,
143.9445


 26.5090, 10.1166,
46.4311


 121.1990, 72.1710,
180.5978


 17.3395, 5.4763,
32.2350


 152.4630, 95.0432,
222.9981

 10.5737, 2.5293,
21.2748

 188.6881,
122.2995, 271.5641

 5.8461, 0.8913,
13.1318

 230.2397,
154.3243, 326.7142

 2.7915, 0.0000,
7.3876

277.4832,

 1.0445, 0.0000,

191.5019, 388.8670

3.6236

330.7839,
234.2168, 458.4410

■ 0.0000, 0.0000,
1.4212

■ 0.0000, 0.0000,
0.1582

■ 53.5205, 26.0145,
86.2049

■ 53.5205, 26.0145,
86.2049

■ 53.3147, 25.6357,
86.0322

■ 54.1414, 27.2040,
86.5708

■ 55.2809, 29.4313,
87.1097

■ 57.0243, 32.8664,
87.8499

■ 59.4408, 37.6477,
88.8148

62.5904, 43.8951,
90.0242

66.5263, 51.7152,
91.4959

71.2969, 61.2046,
93.2460

76.9467, 72.4522,
95.2894

83.5169, 85.5407,
97.6398

Harmonies

Analogous

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



39.0358, 26.0145, 153.3597



53.5205, 26.0145, 86.2049



60.0370, 26.0145, 30.2392

Triad

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



53.5205, 26.0145, 86.2049



25.3855, 26.0145, 0.0000



8.3948, 26.0145, 79.5723

Complementary

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



53.5205, 26.0145, 86.2049



32.6748, 64.8564, 11.3701

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.



6.9779, 26.0145, 26.4940



53.5205, 26.0145, 86.2049



14.4260, 26.0145, 0.2498

Square

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



53.5205, 26.0145, 86.2049



40.5913, 26.0145, 0.4464



8.7170, 26.0145, 4.7340



13.6497, 26.0145, 147.6590

Rectangle

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



53.5205, 26.0145, 86.2049



57.6916, 26.0145, 10.8616



8.7170, 26.0145, 4.7340



7.5594, 26.0145, 58.5012

Sweetspot

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



53.5216, 26.0157, 86.2054



76.2468, 62.5547, 102.1353



16.7294, 7.0137, 86.0611



15.8476, 12.4499, 21.6873



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.



53.5216, 26.0157, 86.2054



58.9317, 28.3367, 95.0932



41.5249, 21.2170, 23.0317



17.2070, 16.7657, 20.8367



28.9921, 13.9403, 46.7943



2.5501, 1.2260, 4.1233

Inverse Universe

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



53.5216, 26.0157, 86.2054



58.9317, 28.3367, 95.0932



36.5957, 66.4248, 32.0175



17.2070, 16.7657, 20.8367



28.9921, 13.9403, 46.7943



2.5501, 1.2260, 4.1233

Previews

White Background



This preview shows how the XYZ color 53.5205, 26.0145, 86.2049 looks on a white background.

Color Contrast Check

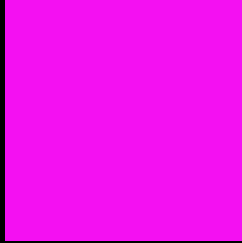
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5205, 26.0145, 86.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

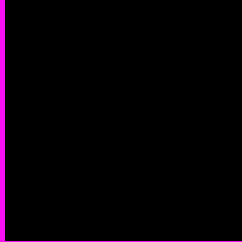
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.5205, 26.0145, 86.2049

Background



This preview shows how black text looks on a background with the XYZ color 53.5205, 26.0145, 86.2049.



This preview shows how white text looks on a background with the XYZ color 53.5205, 26.0145,

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

53.5205, 26.0145, 86.2049

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.4589, 26.6774, 77.1008



Tritanopia

38.8942, 25.9831, 15.5357

Trichromacy



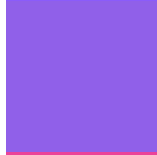
Original Color

53.5205, 26.0145, 86.2049



Protanomaly

31.7299, 20.0454, 92.6393



Deuteranomaly

30.3925, 20.1782, 79.3837



Tritanomaly

41.6886, 23.8066, 32.5349

Monochromacy



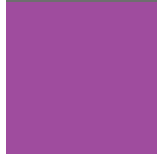
Original Color

53.5205, 26.0145, 86.2049



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

23.0541, 15.0084, 34.0296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5205, 26.0145, 86.2049 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(244, 16, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 16, 242)  
}
```

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(244, 16, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 16, 242) }
```

Border

The CSS property to change the border of an element to XYZ 53.5205, 26.0145, 86.2049 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(244, 16, 242) }
```


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

```
.border{ border-color:rgb(244, 16, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 16, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 16, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 16, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 16,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5205, 26.0145, 86.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 16, 242) }
```

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

```
.background{ background-color: rgb(244, 16,  
242) }
```

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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