

Converting Colors

XYZ(54.0295, 25.9538, 88.3472)

Have a look what the booklet for
XYZ(54.0295, 25.9538, 88.3472)
contains.

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Color

**XYZ(54.1376, 26.0050,
88.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	F500F5
RGB	245, 0, 245
RGB Percent	96%, 0%, 96%
CMY	0.0392, 0.9998, 0.0392
CMYK	0.00, 1.00, 0.00, 0.04
HSL	300°, 100%, 48%
HSV	300°, 100%, 96%
XYZ	54.1376, 26.0050, 88.5523
YIQ	101.1850, 67.3750, 128.1350

Conversions

Conversions Part 2

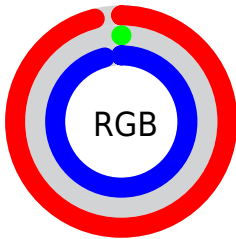
Format	Color
R_{YB}	245, 0, 245
Decimal	16056565
CIE _{Lab}	58.04, 95.32, -59.03
CIE _{LCh}	58, 112.118, 328.233
Yxy	26.0050, 0.3209, 0.1542
Android (android.graphics.Color)	4294246645 (0xFFFF500F5)
YUV	101.1850, 70.9008, 126.1258
Hunter-Lab	50.9951, 100.2584, -67.2597

Details

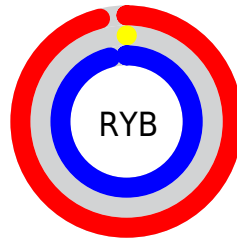
The XYZ color **54.1376, 26.0050, 88.5523** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **32.6536, 65.3061, 10.8855**, and the grayscale version is **12.2340, 12.8711, 14.0167**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.8443, 13.8212, 48.7244** is the 20% darker color. If you saturate the color by 10%, you get **54.1383, 26.0054, 88.5527**, and if you desaturate by 10%, it is **54.4761, 26.6811, 88.6654**.

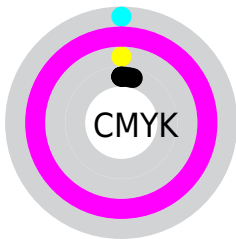
Distribution



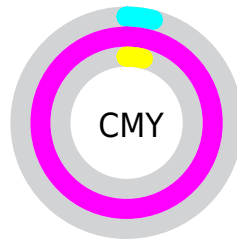
- Red (96%)
- Green (0%)
- Blue (96%)



- Red (96%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1376, 26.0050, 88.5523 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 54.1376, 26.0050, 88.5523 by changing the saturation by 10% instead.


 54.1376, 26.0050,
88.5523


 54.1376, 26.0050,
88.5523


392.8243,
282.8066, 543.7583


 38.9428, 16.8274,
66.2136

 95.4320, 53.2830,
147.2437


 26.8957, 10.1115,
47.9883

 122.2622, 72.1522,
184.4336


 17.6311, 5.4729,
33.4577


 153.7017, 95.0207,
227.4109

 10.7836, 2.5273,
22.2033

 190.1157,
122.2729, 276.5942

 5.9877, 0.8903,
13.8066

 231.8696,
154.2932, 332.4020

 2.8782, 0.0000,
7.8491

279.3288,

 1.0897, 0.0000,

191.4660, 395.2530

3.9121

332.8585,
234.1757, 465.5656

■ 0.0165, 0.0000,
1.5773

■ 0.0000, 0.0000,
0.2745

■ 54.1376, 26.0050,
88.5523

■ 54.1376, 26.0050,
88.5523

■ 54.1383, 26.0054,
88.5527

■ 54.4761, 26.6811,
88.6654

■ 55.2382, 28.2053,
88.9195

■ 56.5564, 30.8417,
89.3590

■ 58.5097, 34.7482,
90.0102

61.1643, 40.0574,
90.8952

64.5783, 46.8852,
92.0332

68.8035, 55.3357,
93.4417

73.8874, 65.5034,
95.1364

79.8737, 77.4759,
97.1320

Harmonies

Analogous

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



39.2011, 26.0050, 158.0219



54.1376, 26.0050, 88.5523



60.9670, 26.0050, 30.6789

Triad

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



54.1376, 26.0050, 88.5523



25.5292, 26.0050, 0.0000



8.1370, 26.0050, 80.2996

Complementary

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



54.1376, 26.0050, 88.5523



32.6536, 65.3061, 10.8855

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.



6.7523, 26.0050, 26.0758



54.1376, 26.0050, 88.5523



14.3286, 26.0050, 0.0904

Square

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



54.1376, 26.0050, 88.5523



41.1243, 26.0050, 0.3321



8.5261, 26.0050, 4.3998



13.3827, 26.0050, 150.8922

Rectangle

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



54.1376, 26.0050, 88.5523



58.6325, 26.0050, 10.7998



8.5261, 26.0050, 4.3998



7.3125, 26.0050, 58.6583

Sweetspot

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



54.1387, 26.0062, 88.5528



75.3100, 60.5201, 102.3197



16.4826, 6.5938, 86.7915



15.6777, 12.0703, 21.7534



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.



54.1387, 26.0062, 88.5528



59.2898, 28.4799, 96.9789



41.2024, 20.8317, 20.4311



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7044



2.5633, 1.2313, 4.1928

Inverse Universe

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



54.1387, 26.0062, 88.5528



59.2898, 28.4799, 96.9789



36.1986, 66.7241, 29.5530



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7044



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 54.1376, 26.0050, 88.5523 looks on a white background.

Color Contrast Check

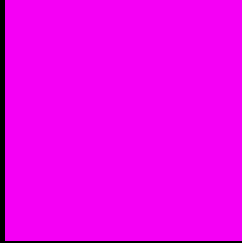
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.1376, 26.0050, 88.5523 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 54.1376, 26.0050, 88.5523

Background



This preview shows how black text looks on a background with the XYZ color 54.1376, 26.0050, 88.5523.



This preview shows how white text looks on a background with the XYZ color 54.1376, 26.0050,

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

54.1376, 26.0050, 88.5523

Protanopia

30.3039, 26.8168, 98.1867

Deuteranopia

27.4640, 26.6477, 78.5589



Tritanopia

39.2642, 26.1680, 15.8134

Trichromacy



Original Color

54.1376, 26.0050, 88.5523



Protanomaly

31.6360, 19.3569, 93.3356



Deuteranomaly

29.9793, 19.1501, 80.7135



Tritanomaly

41.8461, 23.3662, 33.3149

Monochromacy



Original Color

54.1376, 26.0050, 88.5523



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.7200, 12.7390, 31.5038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1376, 26.0050, 88.5523 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(245, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 245)  
}
```

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(245, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 245) }
```

Border

The CSS property to change the border of an element to XYZ 54.1376, 26.0050, 88.5523 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(245, 0, 245) }
```


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

```
.border{ border-color:rgb(245, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1376, 26.0050, 88.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 245) }
```

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

```
.background{ background-color: rgb(245, 0,  
245) }
```

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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