

Converting Colors

XYZ(54.2672, 26.2570, 80.1934)

Have a look what the booklet for
XYZ(54.2672, 26.2570, 80.1934)
contains.

XYZ(54.2756, 26.2645, 80.0508)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2756, 26.2645,
80.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	FA00EA
RGB	250, 0, 234
RGB Percent	98%, 0%, 92%
CMY	0.0196, 0.9998, 0.0824
CMYK	0.00, 1.00, 0.06, 0.02
HSL	304°, 100%, 49%
HSV	304°, 100%, 98%
XYZ	54.2756, 26.2645, 80.0508
YIQ	101.4260, 73.8860, 125.7740

Conversions

Conversions Part 2

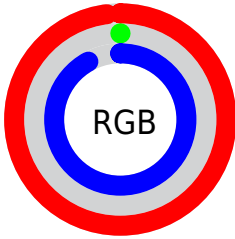
Format	Color
RYB	250, 0, 234
Decimal	16384234
CIELab	58.29, 94.62, -52.43
CIELCh	58, 108.170, 331.009
Yxy	26.2645, 0.3380, 0.1635
Android (android.graphics.Color)	4294574314 (0xFFFA00EA)
YUV	101.4260, 65.3590, 130.2994
Hunter-Lab	51.2489, 99.3564, -56.7368

Details

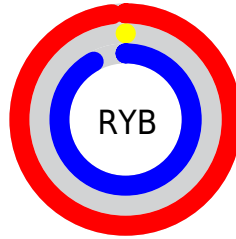
The XYZ color **54.2756, 26.2645, 80.0508** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **34.2805, 68.4098, 11.8897**, and the grayscale version is **12.3097, 12.9508, 14.1034**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.6748, 13.8657, 42.7600** is the 20% darker color. If you saturate the color by 10%, you get **54.2757, 26.2646, 80.0489**, and if you desaturate by 10%, it is **54.8558, 27.0544, 81.3839**.

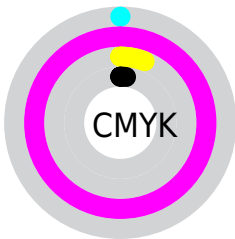
Distribution



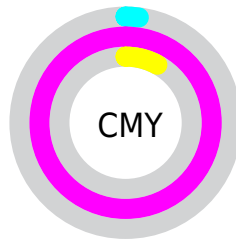
- Red (98%)
- Green (0%)
- Blue (92%)



- Red (98%)
- Yellow (0%)
- Blue (92%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2756, 26.2645, 80.0508 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 54.2756, 26.2645, 80.0508 by changing the saturation by 10% instead.


 54.2756, 26.2645,
80.0508

 54.2756, 26.2645,
80.0508

393.3413,
284.0781, 514.8153

 39.0536, 17.0216,
59.2337

 95.6333, 53.7013,
135.2492


 26.9823, 10.2499,
42.3801


 122.4997, 72.6641,
170.4676


 17.6965, 5.5650,
29.0712


 153.9783, 95.6356,
211.3236

 10.8307, 2.5824,
18.8887

 190.4344,
123.0002, 258.2356

 6.0195, 0.9178,
11.4139

 232.2334,
155.1424, 311.6223

 2.8977, 0.0000,
6.2283

279.7407,

 1.0999, 0.0000,

192.4465, 371.9021

2.9133

333.3215,
235.2969, 439.4936

■ 0.0250, 0.0000,
1.0506

■ 0.0000, 0.0000,
0.0000

■ 54.2756, 26.2645,
80.0508

■ 54.2756, 26.2645,
80.0508

■ 54.2757, 26.2646,
80.0489

■ 54.8558, 27.0544,
81.3839

■ 55.8829, 28.7357,
82.8761

■ 57.4947, 31.5831,
84.5736

■ 59.7745, 35.7629,
86.5039

62.7918, 41.4145,
88.6905

66.6076, 48.6597,
91.1537

71.2765, 57.6078,
93.9116

76.8484, 68.3583,
96.9809

83.3690, 81.0031,
100.3769

Harmonies

Analogous

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



40.3968, 26.2645, 146.4953



54.2756, 26.2645, 80.0508



59.7648, 26.2645, 27.3409

Triad

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



54.2756, 26.2645, 80.0508



24.5209, 26.2645, 0.0000



8.9522, 26.2645, 84.5195

Complementary

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



54.2756, 26.2645, 80.0508



34.2805, 68.4098, 11.8897

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.



7.2502, 26.2645, 29.8922



54.2756, 26.2645, 80.0508



14.0669, 26.2645, 0.5442

Square

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



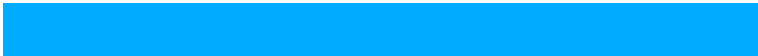
54.2756, 26.2645, 80.0508



39.3428, 26.2645, 0.4111



8.7293, 26.2645, 5.8934



14.5997, 26.2645, 150.3185

Rectangle

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



54.2756, 26.2645, 80.0508



56.8121, 26.2645, 9.6928



8.7293, 26.2645, 5.8934



8.0112, 26.2645, 63.2321

Sweetspot

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



54.2766, 26.2658, 80.0513



74.5315, 60.2087, 98.2203



17.4154, 6.9854, 90.8739



15.4880, 11.9944, 20.7544



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.



54.2766, 26.2658, 80.0513



56.7722, 27.4729, 83.7213



42.3793, 21.5069, 17.4010



17.9422, 17.5043, 21.5516



28.8099, 13.9397, 42.5690



2.6824, 1.2967, 4.0168

Inverse Universe

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



54.2766, 26.2658, 80.0513



56.7722, 27.4729, 83.7213



38.7395, 70.1934, 35.3706



17.9422, 17.5043, 21.5516



28.8099, 13.9397, 42.5690



2.6824, 1.2967, 4.0168

Previews

White Background



This preview shows how the XYZ color 54.2756, 26.2645, 80.0508 looks on a white background.

Color Contrast Check

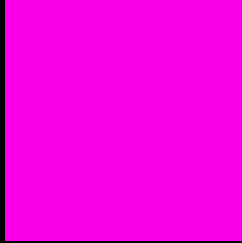
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2756, 26.2645, 80.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

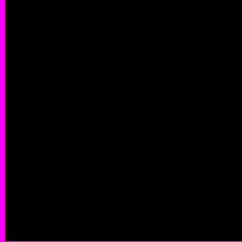
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.2756, 26.2645, 80.0508

Background



This preview shows how black text looks on a background with the XYZ color 54.2756, 26.2645, 80.0508.



This preview shows how white text looks on a background with the XYZ color 54.2756, 26.2645,

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

54.2756, 26.2645, 80.0508

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

27.6987, 26.9264, 71.4476



Tritanopia

40.6238, 26.3690, 14.5039

Trichromacy



Original Color

54.2756, 26.2645, 80.0508



Protanomaly

31.6059, 19.5345, 90.1004



Deuteranomaly

30.7643, 19.7171, 73.4185



Tritanomaly

43.1061, 23.9353, 29.9518

Monochromacy



Original Color

54.2756, 26.2645, 80.0508



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.7758, 12.8053, 29.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2756, 26.2645, 80.0508 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(250, 0, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 234)  
}
```

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(250, 0, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 234) }
```

Border

The CSS property to change the border of an element to XYZ 54.2756, 26.2645, 80.0508 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(250, 0, 234) }
```


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

```
.border{ border-color:rgb(250, 0, 234) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2756, 26.2645, 80.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 234) }
```

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

```
.background{ background-color: rgb(250, 0,  
234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor