

Converting Colors

XYZ(53.8318, 25.8551, 89.3657)

Have a look what the booklet for
XYZ(53.8318, 25.8551, 89.3657)
contains.

XYZ(53.9645, 25.9303, 89.3496)	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(53.9645, 25.9303,
89.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	F402F6
RGB	244, 2, 246
RGB Percent	96%, 1%, 96%
CMY	0.0431, 0.9920, 0.0353
CMYK	0.01, 0.99, 0.00, 0.04
HSL	300°, 98%, 49%
HSV	300°, 99%, 96%
XYZ	53.9645, 25.9303, 89.3496
YIQ	102.1740, 65.9080, 127.1880

Conversions

Conversions Part 2

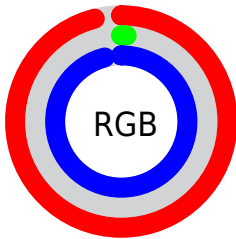
Format	Color
RYB	244, 2, 246
Decimal	15991542
CIELab	57.97, 95.19, -59.71
CIElCh	58, 112.362, 327.901
Yxy	25.9303, 0.3189, 0.1532
Android (android.graphics.Color)	4294181622 (0xFFFF402F6)
YUV	102.1740, 70.9062, 124.3814
Hunter-Lab	50.9218, 100.0526, -68.3875

Details

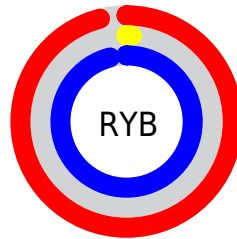
The XYZ color **53.9645, 25.9303, 89.3496** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **33.0176, 65.9423, 11.0465**, and the grayscale version is **12.4893, 13.1397, 14.3092**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.7137, 13.7414, 49.2831** is the 20% darker color. If you saturate the color by 10%, you get **53.9377, 25.8843, 89.3425**, and if you desaturate by 10%, it is **54.3971, 26.6907, 89.4739**.

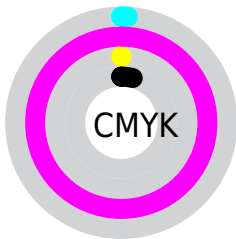
Distribution



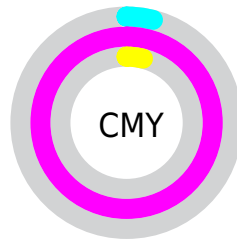
- Red (96%)
- Green (1%)
- Blue (96%)



- Red (96%)
- Yellow (1%)
- Blue (96%)



- Cyan (1%)
- Magenta (99%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (99%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9645, 25.9303, 89.3496 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 53.9645, 25.9303, 89.3496 by changing the saturation by 10% instead.

 53.9645, 25.9303,
89.3496


 53.9645, 25.9303,
89.3496


392.1752,
282.4398, 546.4283

 38.8038, 16.7715,
66.8707


 95.1793, 53.1625,
148.3622


 26.7872, 10.0717,
48.5186


 121.9642, 72.0047,
185.7330


 17.5492, 5.4465,
33.8748


 153.3545, 94.8434,
228.9048

 10.7246, 2.5116,
22.5209

 189.7156,
122.0632, 278.2962

 5.9479, 0.8824,
14.0382

 231.4129,
154.0483, 334.3257

 2.8538, 0.0000,
8.0082

278.8117,

 1.0769, 0.0000,

191.1831, 397.4119

4.0123

332.2773,
233.8522, 467.9732

■ 0.0057, 0.0000,
1.6321

■ 0.0000, 0.0000,
0.3136

■ 53.9645, 25.9303,
89.3496

■ 53.9645, 25.9303,
89.3496

■ 53.9377, 25.8843,
89.3425

■ 54.3971, 26.6907,
89.4739

■ 55.2777, 28.3480,
89.7474

■ 56.7269, 31.1422,
90.2103

■ 58.8231, 35.2304,
90.8890

■ 61.6326, 40.7450,
91.8053

■ 65.2132, 47.8017,
92.9787

■ 69.6171, 56.5049,
94.4265

■ 74.8917, 66.9495,
96.1645

■ 81.0810, 79.2233,
98.2073

Harmonies

Analogous

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



38.9601, 25.9303, 158.8592



53.9645, 25.9303, 89.3496



60.9316, 25.9303, 31.0564

Triad

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



53.9645, 25.9303, 89.3496



25.6128, 25.9303, 0.0000



8.0457, 25.9303, 79.5277

Complementary

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



53.9645, 25.9303, 89.3496



33.0176, 65.9423, 11.0465

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.



6.7007, 25.9303, 25.5874



53.9645, 25.9303, 89.3496



14.3533, 25.9303, 0.0453

Square

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



53.9645, 25.9303, 89.3496



41.2468, 25.9303, 0.3331



8.5067, 25.9303, 4.2471



13.2309, 25.9303, 150.3677

Rectangle

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



53.9645, 25.9303, 89.3496



58.6855, 25.9303, 10.9474



8.5067, 25.9303, 4.2471



7.2365, 25.9303, 57.9426

Sweetspot

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



53.9656, 25.9315, 89.3501



75.0799, 60.4015, 102.3092



16.7264, 6.7995, 87.6200



15.6215, 12.0414, 21.7508



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.



53.9656, 25.9315, 89.3501



58.5256, 28.0859, 96.9442



41.9302, 21.1979, 22.3332



17.1995, 16.7610, 20.8713



28.7961, 13.8193, 47.6877



2.5352, 1.2168, 4.1915

Inverse Universe

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



38.0504, 19.6460, 1.9025



41.2514, 21.2646, 1.9903



36.3687, 67.2799, 28.8239



16.5047, 16.4847, 17.1382



20.2945, 10.4612, 0.9934



1.7856, 0.9202, 0.0973

Previews

White Background



This preview shows how the XYZ color 53.9645, 25.9303, 89.3496 looks on a white background.

Color Contrast Check

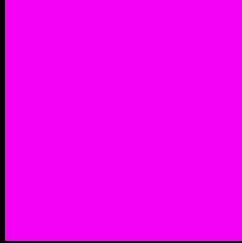
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9645, 25.9303, 89.3496 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 53.9645, 25.9303, 89.3496

Background



This preview shows how black text looks on a background with the XYZ color 53.9645, 25.9303, 89.3496.



This preview shows how white text looks on a background with the XYZ color 53.9645, 25.9303,

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

53.9645, 25.9303, 89.3496

Protanopia

30.2201, 26.7736, 98.1828

Deuteranopia

27.4284, 26.6131, 79.2925



Tritanopia

38.7178, 26.0226, 15.8142

Trichromacy



Original Color

53.9645, 25.9303, 89.3496



Protanomaly

31.7079, 19.4967, 94.1875



Deuteranomaly

29.7810, 19.0312, 81.4606



Tritanomaly

41.5707, 23.3042, 33.3175

Monochromacy



Original Color

53.9645, 25.9303, 89.3496



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

21.1074, 13.0995, 31.9878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9645, 25.9303, 89.3496 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, 2, 246)` looks like.

```
.text, #text, p{  
    color:rgb(244, 2, 246)  
}
```

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, 2, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 2, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.9645, 25.9303, 89.3496 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, 2, 246) }
```


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

```
.border{ border-color:rgb(244, 2, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 2, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 2, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 2, 246);  
box-shadow:4px 4px 4px 4px rgb(244, 2,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9645, 25.9303, 89.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 2, 246) }
```

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

```
.background{ background-color: rgb(244, 2,  
246) }
```

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