

Converting Colors

XYZ(52.3996, 25.1572, 86.2955)

Have a look what the booklet for
XYZ(52.3996, 25.1572, 86.2955)
contains.

XYZ(52.3026, 25.1116, 86.0948)	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(52.3026, 25.1116,
86.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	F100F2
RGB	241, 0, 242
RGB Percent	95%, 0%, 95%
CMY	0.0549, 0.9998, 0.0510
CMYK	0.00, 1.00, 0.00, 0.05
HSL	300°, 100%, 47%
HSV	300°, 100%, 95%
XYZ	52.3026, 25.1116, 86.0948
YIQ	99.6470, 65.9540, 126.3540

Conversions

Conversions Part 2

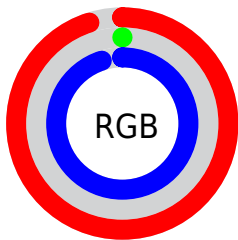
Format	Color
R_{YB}	241, 0, 242
Decimal	15794418
CIE _{Lab}	57.18, 94.28, -58.76
CIE _{LCh}	57, 111.095, 328.066
Yxy	25.1116, 0.3199, 0.1536
Android (android.graphics.Color)	4293984498 (0xFFFF100F2)
YUV	99.6470, 70.1800, 123.9666
Hunter-Lab	50.1115, 98.6098, -66.7861

Details

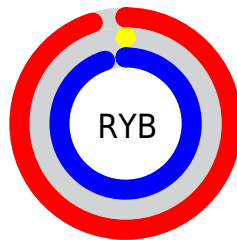
The XYZ color **52.3026, 25.1116, 86.0948** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **31.7655, 63.5113, 10.5859**, and the grayscale version is **11.8458, 12.4627, 13.5719**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **27.5793, 13.2061, 46.9944** is the 20% darker color. If you saturate the color by 10%, you get **52.3031, 25.1118, 86.0951**, and if you desaturate by 10%, it is **52.6690, 25.7927, 86.2073**.

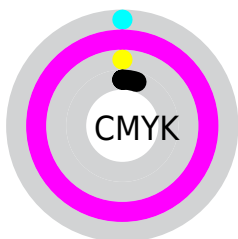
Distribution



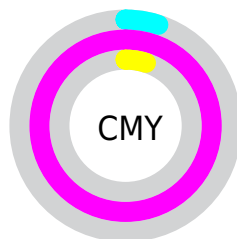
- Red (95%)
- Green (0%)
- Blue (95%)



- Red (95%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3026, 25.1116, 86.0948 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 52.3026, 25.1116, 86.0948 by changing the saturation by 10% instead.

 52.3026, 25.1116,
86.0948

 52.3026, 25.1116,
86.0948


385.9085,
278.3933, 535.4825


 37.4716, 16.1602,
64.1910

 92.7489, 51.8382,
143.7895


 25.7482, 9.6376,
46.3582


 119.0950, 70.3822,
180.4175

 16.7670, 5.1593,
32.1779


 150.0100, 92.8926,
222.7906

 10.1628, 2.3411,
21.2315

 185.8595,
119.7537, 271.3275

 5.5701, 0.7953,
13.1004

 227.0087,
151.3499, 326.4465

 2.6237, 0.0000,
7.3662

273.8231,

 0.9580, 0.0000,

188.0656, 388.5664

3.6103

326.6679,
230.2853, 458.1055

■ 0.0000, 0.0000,
1.4141

■ 0.0000, 0.0000,
0.1526

■ 52.3026, 25.1116,
86.0948

■ 52.3026, 25.1116,
86.0948

■ 52.3031, 25.1118,
86.0951

■ 52.6690, 25.7927,
86.2073

■ 53.4466, 27.2973,
86.4567

■ 54.7647, 29.8829,
86.8863

■ 56.6999, 33.7026,
87.5216

■ 59.3165, 38.8850,
88.3840

■ 62.6707, 45.5426,
89.4922

■ 66.8129, 53.7761,
90.8632

■ 71.7890, 63.6776,
92.5121

■ 77.6416, 75.3318,
94.4531

Harmonies

Analogous

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



37.8070, 25.1116, 153.4043



52.3026, 25.1116, 86.0948



58.9828, 25.1116, 29.8525

Triad

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



52.3026, 25.1116, 86.0948



24.7289, 25.1116, 0.0000



7.8147, 25.1116, 77.3412

Complementary

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



52.3026, 25.1116, 86.0948



31.7655, 63.5113, 10.5859

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.



6.4949, 25.1116, 24.9769



52.3026, 25.1116, 86.0948



13.8606, 25.1116, 0.0393

Square

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



52.3026, 25.1116, 86.0948



39.8454, 25.1116, 0.3014



8.2259, 25.1116, 4.1703



12.8598, 25.1116, 145.8373

Rectangle

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



52.3026, 25.1116, 86.0948



56.7650, 25.1116, 10.5041



8.2259, 25.1116, 4.1703



7.0247, 25.1116, 56.4111

Sweetspot

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



52.3036, 25.1128, 86.0953



75.1939, 60.4603, 102.3146



16.0718, 6.4996, 84.4122



15.6494, 12.0557, 21.7521



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.



52.3036, 25.1128, 86.0953



58.9037, 28.2808, 96.9619



40.3237, 20.3603, 21.2248



16.4475, 16.0279, 19.9484



28.1007, 13.4918, 46.2510



2.3398, 1.1235, 3.8477

Inverse Universe

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



36.6243, 18.8805, 1.7439



41.2458, 21.2623, 1.9604



34.9630, 64.7889, 27.4889



15.7755, 15.7599, 16.3740



19.6756, 10.1427, 0.9425



1.6378, 0.8441, 0.0833

Previews

White Background



This preview shows how the XYZ color 52.3026, 25.1116, 86.0948 looks on a white background.

Color Contrast Check

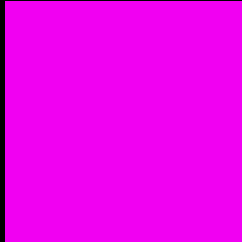
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3026, 25.1116, 86.0948 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 52.3026, 25.1116, 86.0948

Background



This preview shows how black text looks on a background with the XYZ color 52.3026, 25.1116, 86.0948.



This preview shows how white text looks on a background with the XYZ color 52.3026, 25.1116,

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

52.3026, 25.1116, 86.0948

Protanopia

29.5380, 26.0038, 98.0702

Deuteranopia

26.5774, 25.8051, 76.2532



Tritanopia

37.8052, 25.2928, 15.2014

Trichromacy



Original Color

52.3026, 25.1116, 86.0948

Protanomaly

30.5748, 18.7086, 92.4421

Deuteranomaly

28.8704, 18.3811, 78.3702

Tritanomaly

40.2384, 22.4876, 31.9255

Monochromacy



Original Color

52.3026, 25.1116, 86.0948

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

20.2634, 12.5131, 31.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3026, 25.1116, 86.0948 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(241, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 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(241, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.3026, 25.1116, 86.0948 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(241, 0, 242) }
```


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

```
.border{ border-color:rgb(241, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3026, 25.1116, 86.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 242) }
```

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

```
.background{ background-color: rgb(241, 0,  
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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