

Converting Colors

XYZ(46.1549, 26.2162, 93.0668)

Have a look what the booklet for
XYZ(46.1549, 26.2162, 93.0668)
contains.

XYZ(46.2102, 26.1969, 93.0634)	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(46.2102, 26.1969,
93.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	D051FA
RGB	208, 81, 250
RGB Percent	82%, 32%, 98%
CMY	0.1843, 0.6823, 0.0196
CMYK	0.17, 0.68, 0.00, 0.02
HSL	285°, 94%, 65%
HSV	285°, 68%, 98%
XYZ	46.2102, 26.1969, 93.0634
YIQ	138.2390, 21.4430, 79.4830

Conversions

Conversions Part 2

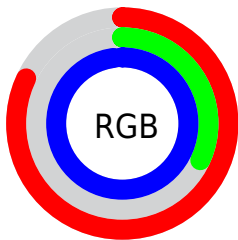
Format	Color
R _{YB}	208, 81, 250
Decimal	13652474
CIE _{Lab}	58.22, 73.23, -61.83
CIE _{LCh}	58, 95.844, 319.825
Yxy	26.1969, 0.2793, 0.1583
Android (android.graphics.Color)	4291842554 (0xFFD051FA)
YUV	138.2390, 55.0982, 61.1804
Hunter-Lab	51.1829, 71.5876, -71.9761

Details

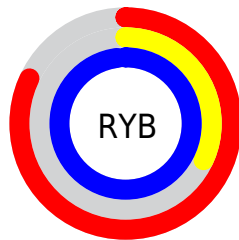
The XYZ color **46.2102, 26.1969, 93.0634** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **43.8399, 73.1768, 19.5994**, and the grayscale version is **24.0404, 25.2924, 27.5434**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **22.0201, 10.2398, 51.2680** is the 20% darker color. If you saturate the color by 10%, you get **42.9700, 22.2582, 92.4744**, and if you desaturate by 10%, it is **50.2044, 31.5398, 93.8846**.

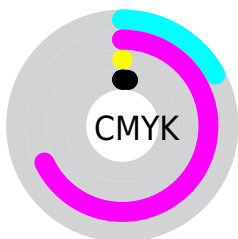
Distribution



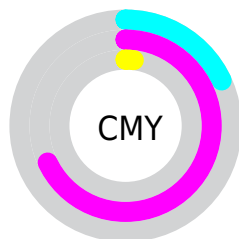
- Red (82%)
- Green (32%)
- Blue (98%)



- Red (82%)
- Yellow (32%)
- Blue (98%)



- Cyan (17%)
- Magenta (68%)
- Yellow (0%)
- Black (2%)





- Cyan (18%)
- Magenta (68%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2102, 26.1969, 93.0634 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 46.2102, 26.1969, 93.0634 by changing the saturation by 10% instead.


 46.2102, 26.1969,
93.0634

 46.2102, 26.1969,
93.0634

362.3549,
283.7473, 558.7716


 32.6171, 16.9710,
69.9362


 83.7594, 53.5924,
153.5589


 21.9911, 10.2138,
50.9981


 108.4462, 72.5308,
191.7642

 13.9669, 5.5410,
35.8304


 137.5616, 95.4755,
235.8327

 8.1792, 2.5680,
24.0146

 171.4709,
122.8109, 286.1830

 4.2626, 0.9106,
15.1321

210.5396,
154.9214, 343.2334

 1.8517, 0.0000,
8.7645

255.1329,

 0.5486, 0.0000,

192.1914, 407.4026

4.4932

305.6162,
235.0052, 479.1092

■ 0.0000, 0.0000,
1.8996

■ 0.0000, 0.0000,
0.4925

■ 46.2102, 26.1969,
93.0634

■ 46.2102, 26.1969,
93.0634

■ 42.9700, 22.2582,
92.4744

■ 50.2044, 31.5398,
93.8846

■ 40.4005, 19.5615,
92.0893

■ 55.0173, 38.4186,
94.9587

■ 38.3973, 17.8979,
91.8738

■ 60.7101, 46.9533,
96.3060

■ 37.9629, 17.5773,
91.8348

■ 67.3369, 57.2509,
97.9444

74.9471, 69.4094,
99.8901

83.5865, 83.5195,
102.1583

92.9768, 99.0230,
104.6558

94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



33.2859, 26.1969, 141.2686



46.2102, 26.1969, 93.0634



54.0584, 26.1969, 41.4099

Triad

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



46.2102, 26.1969, 93.0634



29.0656, 26.1969, 0.4229



9.2232, 26.1969, 56.2474

Complementary

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



46.2102, 26.1969, 93.0634



43.8399, 73.1768, 19.5994

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.



8.7298, 26.1969, 18.6340



46.2102, 26.1969, 93.0634



18.0550, 26.1969, 0.7146

Square

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



46.2102, 26.1969, 93.0634



42.3058, 26.1969, 2.2324



11.4162, 26.1969, 3.9379



13.0731, 26.1969, 110.8599

Rectangle

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



46.2102, 26.1969, 93.0634



54.0983, 26.1969, 18.9262



11.4162, 26.1969, 3.9379



8.7180, 26.1969, 40.9168

Sweetspot

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



46.2113, 26.1980, 93.0640



76.3727, 69.3407, 103.9666



27.7636, 22.8806, 93.3960



15.8601, 14.0619, 22.1282



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.



46.2113, 26.1980, 93.0640



43.9368, 22.1616, 96.5696



53.7219, 30.7515, 62.6185



17.5471, 17.2947, 21.7987



20.2747, 9.3947, 48.7183



1.9740, 0.9197, 4.5167

Inverse Universe

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



45.9426, 27.6397, 21.6532



44.6051, 24.3268, 14.3456



41.1705, 71.5575, 30.4643



17.4215, 17.2960, 18.8094



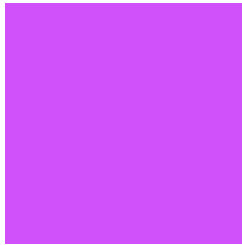
21.4229, 10.9849, 3.6694



2.0245, 1.0335, 0.5526

Previews

White Background



This preview shows how the XYZ color 46.2102, 26.1969, 93.0634 looks on a white background.

Color Contrast Check

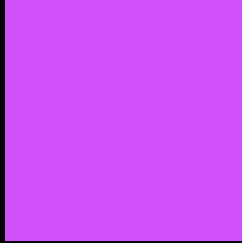
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2102, 26.1969, 93.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

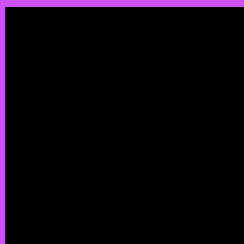
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 46.2102, 26.1969, 93.0634

Background



This preview shows how black text looks on a background with the XYZ color 46.2102, 26.1969, 93.0634.



This preview shows how white text looks on a background with the XYZ color 46.2102, 26.1969,

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

46.2102, 26.1969, 93.0634

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.4196, 26.4750, 85.3264



Tritanopia

32.1648, 26.0943, 24.1103

Trichromacy



Original Color

46.2102, 26.1969, 93.0634



Protanomaly

32.5792, 24.0183, 95.8474



Deuteranomaly

30.2457, 23.5163, 87.7390



Tritanomaly

35.7228, 25.1955, 42.5156

Monochromacy



Original Color

46.2102, 26.1969, 93.0634



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

29.6022, 23.7638, 45.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2102, 26.1969, 93.0634 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(208, 81, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 81, 250)  
}
```

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(208, 81, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 81, 250) }
```

Border

The CSS property to change the border of an element to XYZ 46.2102, 26.1969, 93.0634 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(208, 81, 250) }
```


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

```
.border{ border-color:rgb(208, 81, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 81, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 81, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 81, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 81,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2102, 26.1969, 93.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 81, 250) }
```

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

```
.background{ background-color: rgb(208, 81,  
250) }
```

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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