

Converting Colors

XYZ(46.3759, 25.3008, 96.2065)

Have a look what the booklet for
XYZ(46.3759, 25.3008, 96.2065)
contains.

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Color

**XYZ(46.5013, 25.3458,
96.2073)**

Conversions

Conversions Part 1

Format	Color
Hex	D148FE
RGB	209, 72, 254
RGB Percent	82%, 28%, 100%
CMY	0.1804, 0.7176, 0.0039
CMYK	0.18, 0.72, 0.00, 0.00
HSL	285°, 99%, 64%
HSV	285°, 72%, 100%
XYZ	46.5013, 25.3458, 96.2073
YIQ	133.7110, 23.2300, 85.6460

Conversions

Conversions Part 2

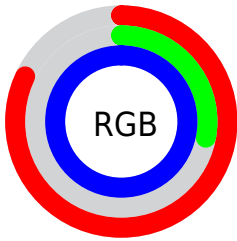
Format	Color
R _Y B	209, 72, 254
Decimal	13715710
CIE _{Lab}	57.41, 77.56, -65.35
CIE _{LCh}	57, 101.417, 319.884
Yxy	25.3458, 0.2767, 0.1508
Android (android.graphics.Color)	4291905790 (0xFFD148FE)
YUV	133.7110, 59.3025, 66.0285
Hunter-Lab	50.3446, 76.7702, -78.0605

Details

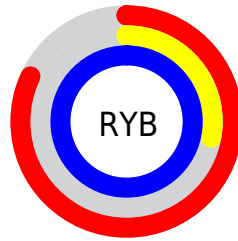
The XYZ color **46.5013, 25.3458, 96.2073** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.9483, 75.1340, 18.3177**, and the grayscale version is **22.3390, 23.5024, 25.5941**.

A 20% lighter version of the original color is **67.5413, 44.9825, 99.7304**, and **22.5415, 10.4696, 53.0573** is the 20% darker color. If you saturate the color by 10%, you get **43.4434, 21.8150, 95.6874**, and if you desaturate by 10%, it is **50.3091, 30.2701, 96.9575**.

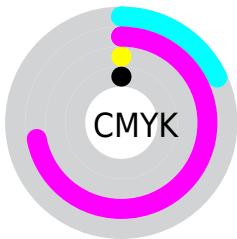
Distribution



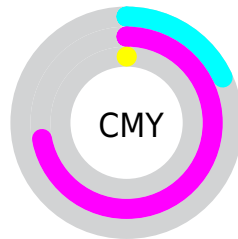
- Red (82%)
- Green (28%)
- Blue (100%)



- Red (82%)
- Yellow (28%)
- Blue (100%)



- Cyan (18%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5013, 25.3458, 96.2073 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 46.5013, 25.3458, 96.2073 by changing the saturation by 10% instead.


 46.5013, 25.3458,
96.2073


 46.5013, 25.3458,
96.2073


363.5026,
279.5557, 569.1056


 32.8479, 16.3349,
72.5378


 84.1920, 52.2177,
157.9414


 22.1686, 9.7614,
53.1086


 108.9600, 70.8474,
196.8430


 14.0981, 5.2411,
37.5011


 138.1636, 93.4522,
241.6592

 8.2711, 2.3894,
25.2969

 172.1681,
120.4164, 292.8083

 4.3222, 0.8204,
16.0774

 211.3389,
152.1245, 350.7089

 1.8860, 0.0000,
9.4240

256.0414,

 0.5687, 0.0000,

188.9608, 415.7797

4.9182

306.6408,
231.3097, 488.4391

■ 0.0000, 0.0000,
2.1414

■ 0.0000, 0.0000,
0.6403

■ 46.5013, 25.3458,
96.2073

■ 46.5013, 25.3458,
96.2073

■ 43.4434, 21.8150,
95.6874

■ 50.3091, 30.2701,
96.9575

■ 41.0417, 19.4949,
95.3661

■ 54.9387, 36.7339,
97.9612

■ 39.4257, 18.2581,
95.2126

■ 60.4566, 44.8682,
99.2404

■ 66.9214, 54.7886,
100.8145

74.3862, 66.6007,
102.7010

82.9002, 80.4016,
104.9161

92.5091, 96.2816,
107.4748

94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



32.8590, 25.3458, 148.7933



46.5013, 25.3458, 96.2073



54.8458, 25.3458, 40.9652

Triad

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



46.5013, 25.3458, 96.2073



28.3921, 25.3458, 0.0000



8.2135, 25.3458, 56.8685

Complementary

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



46.5013, 25.3458, 96.2073



43.9483, 75.1340, 18.3177

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.



7.7253, 25.3458, 17.5087



46.5013, 25.3458, 96.2073



17.0396, 25.3458, 0.2526

Square

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



46.5013, 25.3458, 96.2073



42.3098, 25.3458, 1.6024



10.3633, 25.3458, 3.1235



12.0355, 25.3458, 115.7664

Rectangle

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



46.5013, 25.3458, 96.2073



54.8738, 25.3458, 17.7040



10.3633, 25.3458, 3.1235



7.7177, 25.3458, 40.6232

Sweetspot

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



46.5024, 25.3468, 96.2079



75.5773, 68.0382, 103.7571



26.9824, 21.3739, 96.4698



15.7052, 13.8087, 22.0875



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.



46.5024, 25.3468, 96.2079



42.6998, 20.8506, 96.3818



54.6379, 30.2850, 62.9644



18.3282, 18.0609, 22.7701



20.9269, 9.6987, 50.2036



2.1367, 0.9954, 4.8928

Inverse Universe

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



46.4019, 26.9907, 19.5944



43.7039, 23.2405, 11.8377



41.3554, 73.5581, 29.0037



18.1935, 18.0607, 19.6363



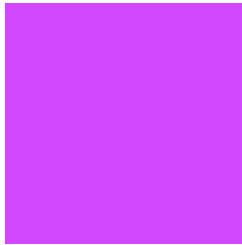
22.0677, 11.3164, 3.7408



2.1899, 1.1183, 0.5814

Previews

White Background



This preview shows how the XYZ color 46.5013, 25.3458, 96.2073 looks on a white background.

Color Contrast Check

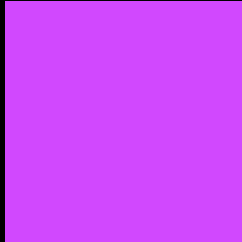
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5013, 25.3458, 96.2073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

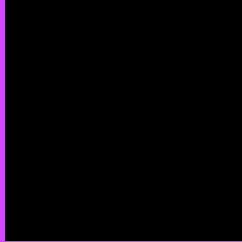
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 46.5013, 25.3458, 96.2073

Background



This preview shows how black text looks on a background with the XYZ color 46.5013, 25.3458, 96.2073.



This preview shows how white text looks on a background with the XYZ color 46.5013, 25.3458,

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

46.5013, 25.3458, 96.2073

Protanopia

29.3228, 25.6867, 98.0203

Deuteranopia

26.6717, 25.8199, 87.5824



Tritanopia

31.2982, 25.1504, 22.6070

Trichromacy



Original Color

46.5013, 25.3458, 96.2073



Protanomaly

31.7605, 22.7265, 97.3204



Deuteranomaly

28.8287, 22.0411, 89.9237



Tritanomaly

35.1260, 24.1562, 41.8410

Monochromacy



Original Color

46.5013, 25.3458, 96.2073



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

28.4183, 22.1603, 44.8990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5013, 25.3458, 96.2073 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(209, 72, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 72, 254)  
}
```

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(209, 72, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 72, 254) }
```

Border

The CSS property to change the border of an element to XYZ 46.5013, 25.3458, 96.2073 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(209, 72, 254) }
```


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

```
.border{ border-color:rgb(209, 72, 254) }
```

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

Here you see how a box with a 4 pixel rgb(209, 72, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 72, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 72, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 72,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5013, 25.3458, 96.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 72, 254) }
```

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

```
.background{ background-color: rgb(209, 72,  
254) }
```

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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