

Converting Colors

XYZ(52.0926, 30.4755, 97.7445)

Have a look what the booklet for
XYZ(52.0926, 30.4755, 97.7445)
contains.

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Color

**XYZ(52.0013, 30.4039,
97.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5CFF
RGB	222, 92, 255
RGB Percent	87%, 36%, 100%
CMY	0.1294, 0.6392, 0.0000
CMYK	0.13, 0.64, 0.00, 0.00
HSL	288°, 100%, 68%
HSV	288°, 64%, 100%
XYZ	52.0013, 30.4039, 97.7355
YIQ	149.4520, 25.1570, 78.2530

Conversions

Conversions Part 2

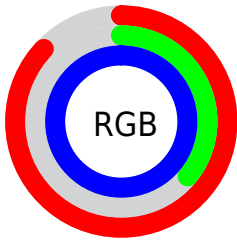
Format	Color
R _{YB}	222, 92, 255
Decimal	14572799
CIE _{Lab}	62.00, 72.73, -58.44
CIE _{LCh}	62, 93.302, 321.216
Y _{xy}	30.4039, 0.2887, 0.1688
Android (android.graphics.Color)	4292762879 (0xFFDE5CFF)
YUV	149.4520, 52.0352, 63.6246
Hunter-Lab	55.1397, 71.8456, -66.4941

Details

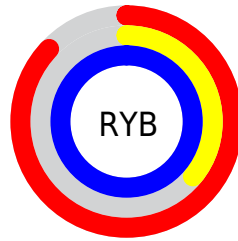
The XYZ color **52.0013, 30.4039, 97.7355** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **46.1499, 76.6530, 22.4896**, and the grayscale version is **28.5388, 30.0251, 32.6973**.

A 20% lighter version of the original color is **70.1963, 50.2927, 100.6154**, and **25.5089, 12.4710, 53.8860** is the 20% darker color. If you saturate the color by 10%, you get **48.5955, 25.9029, 97.0462**, and if you desaturate by 10%, it is **56.2008, 36.4183, 98.6751**.

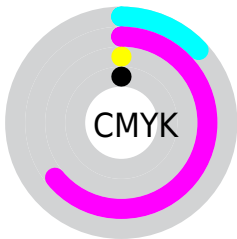
Distribution



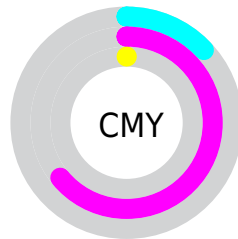
- Red (87%)
- Green (36%)
- Blue (100%)



- Red (87%)
- Yellow (36%)
- Blue (100%)



- Cyan (13%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0013, 30.4039, 97.7355 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 52.0013, 30.4039, 97.7355 by changing the saturation by 10% instead.


 52.0013, 30.4039,
97.7355


 52.0013, 30.4039,
97.7355


384.7655,
303.7826, 574.0923

 37.2304, 20.1454,
73.8044


 92.3074, 60.3003,
160.0664


 25.5604, 12.5008,
54.1381


 118.5732, 80.7070,
199.3032

 16.6260, 7.0857,
38.3182


 149.4015,
105.2652, 244.4791

 10.0619, 3.5157,
25.9260

 185.1574,
134.3593, 296.0125

 5.5026, 1.4065,
16.5430

226.2064,
168.3737, 354.3220

 2.5828, 0.2215,
9.7507

272.9139,

 0.9372, 0.0000,

207.6928, 419.8261

5.1306

325.6451,
252.7010, 492.9434

■ 0.0000, 0.0000,
2.2640

■ 0.0000, 0.0000,
0.7109

■ 52.0013, 30.4039,
97.7355

■ 52.0013, 30.4039,
97.7355

■ 48.5955, 25.9029,
97.0462

■ 56.2008, 36.4183,
98.6751

■ 45.9015, 22.7554,
96.5807


■ 61.2582, 44.0771,
99.8868


■ 43.8248, 20.7717,
96.3073

■ 67.2348, 53.5011,
101.3908

■ 42.7811, 19.9693,
96.2074

■ 74.1850, 64.7987,
103.2052

 82.1591, 78.0696,
105.3464

 91.2035, 93.4063,
107.8300

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



38.5081, 30.4039, 147.8333



52.0013, 30.4039, 97.7355



59.7911, 30.4039, 44.7804

Triad

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



52.0013, 30.4039, 97.7355



32.7297, 30.4039, 1.0285



11.7720, 30.4039, 64.8236

Complementary

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



52.0013, 30.4039, 97.7355



46.1499, 76.6530, 22.4896

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.



11.0464, 30.4039, 23.6584



52.0013, 30.4039, 97.7355



21.0366, 30.4039, 1.4593

Square

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



52.0013, 30.4039, 97.7355



46.7391, 30.4039, 3.2054



13.9085, 30.4039, 5.9846



16.2960, 30.4039, 121.0972

Rectangle

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



52.0013, 30.4039, 97.7355



59.5036, 30.4039, 21.4297



13.9085, 30.4039, 5.9846



11.1401, 30.4039, 48.3968

Sweetspot

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



52.0024, 30.4051, 97.7357



77.9770, 71.0748, 104.2167



30.0950, 24.7573, 97.8002



16.2118, 14.4193, 22.1787



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.



52.0024, 30.4051, 97.7357



47.6937, 24.7969, 96.8803



56.5537, 33.5097, 63.6909



18.4113, 18.1038, 22.7739



22.4802, 10.4994, 50.2763



2.2757, 1.0671, 4.8993

Inverse Universe

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



48.7695, 30.3960, 22.6997



45.0096, 25.2415, 14.1545



44.7752, 75.6360, 36.3552



18.1597, 18.0472, 19.4582



21.9103, 11.2534, 2.9124



2.1702, 1.1104, 0.4776

Previews

White Background



This preview shows how the XYZ color 52.0013, 30.4039, 97.7355 looks on a white background.

Color Contrast Check

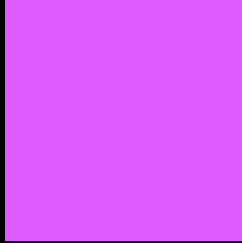
Large Text (above 18pt) WCAG AA × Fail

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 52.0013, 30.4039, 97.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

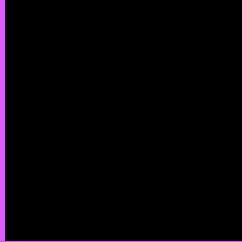
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0013, 30.4039, 97.7355

Background



This preview shows how black text looks on a background with the XYZ color 52.0013, 30.4039, 97.7355.



This preview shows how white text looks on a background with the XYZ color 52.0013, 30.4039,

97.7355.

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

52.0013, 30.4039, 97.7355

Protanopia

33.9632, 30.9122, 98.7843

Deuteranopia

31.8624, 30.9499, 90.6808



Tritanopia

37.5583, 30.1067, 27.4985

Trichromacy



Original Color

52.0013, 30.4039, 97.7355



Protanomaly

37.4934, 28.5097, 98.1346



Deuteranomaly

35.7290, 28.2938, 93.2007



Tritanomaly

41.4069, 29.3270, 46.6583

Monochromacy



Original Color

52.0013, 30.4039, 97.7355



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.7008, 28.2993, 51.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0013, 30.4039, 97.7355 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(222, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 92, 255)  
}
```

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(222, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 92, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0013, 30.4039, 97.7355 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(222, 92, 255) }
```


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

```
.border{ border-color:rgb(222, 92, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 92, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 92,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0013, 30.4039, 97.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 92, 255) }
```

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

```
.background{ background-color: rgb(222, 92,  
255) }
```

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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