

Converting Colors

XYZ(52.3134, 41.0391, 80.0270)

Have a look what the booklet for
XYZ(52.3134, 41.0391, 80.0270)
contains.

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Color

**XYZ(52.3134, 41.0391,
80.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	D594E6
RGB	213, 148, 230
RGB Percent	84%, 58%, 90%
CMY	0.1647, 0.4196, 0.0980
CMYK	0.07, 0.36, 0.00, 0.10
HSL	288°, 62%, 74%
HSV	288°, 36%, 90%
XYZ	52.3134, 41.0391, 80.0270
YIQ	176.7830, 12.4180, 39.2820

Conversions

Conversions Part 2

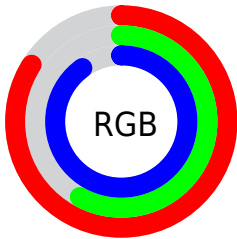
Format	Color
R _{YB}	213, 148, 230
Decimal	13997286
CIE _{Lab}	70.20, 38.19, -31.86
CIE _{LCh}	70, 49.740, 320.161
Yxy	41.0391, 0.3017, 0.2367
Android (android.graphics.Color)	4292187366 (0xFFD594E6)
YUV	176.7830, 26.2360, 31.7623
Hunter-Lab	64.0618, 33.6566, -29.2228

Details

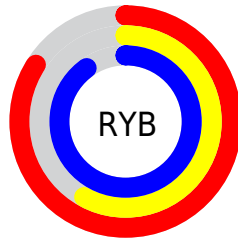
The XYZ color **52.3134, 41.0391, 80.0270** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **49.1605, 66.7320, 38.3084**, and the grayscale version is **41.5396, 43.7029, 47.5924**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **25.7275, 18.5898, 42.2766** is the 20% darker color. If you saturate the color by 10%, you get **47.6954, 33.8254, 78.8786**, and if you desaturate by 10%, it is **57.6915, 49.7108, 81.4180**.

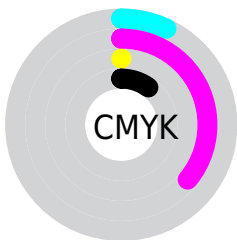
Distribution



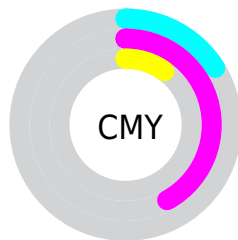
- Red (84%)
- Green (58%)
- Blue (90%)



- Red (84%)
- Yellow (58%)
- Blue (90%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)





- Cyan (16%)
- Magenta (42%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3134, 41.0391, 80.0270 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 52.3134, 41.0391, 80.0270 by changing the saturation by 10% instead.


 52.3134, 41.0391,
80.0270


 52.3134, 41.0391,
80.0270


385.9494,
350.4840, 514.7330

 37.4802, 28.3496,
59.2143


 92.7648, 76.7432,
135.2154

 25.7549, 18.5894,
42.3645

 119.1137,
100.5267, 170.4282

 16.7721, 11.3740,
29.0591


150.0318,
128.7770, 211.2781

 10.1664, 6.3190,
18.8796

185.8847,
161.8784, 258.1836

 5.5726, 3.0400,
11.4074

227.0375,
200.2155, 311.5634

 2.6251, 1.1526,
6.2239

273.8556,

 0.9588, 0.0225,

244.1725, 371.8358

2.9107

326.7045,
294.1339, 439.4195

■ 0.0000, 0.0000,
1.0492

■ 0.0000, 0.0000,
0.0000

■ 52.3134, 41.0391,
80.0270

■ 52.3134, 41.0391,
80.0270

■ 47.6954, 33.8254,
78.8786

■ 57.6915, 49.7108,
81.4180

■ 43.7904, 27.9788,
77.9559

■ 63.8652, 59.9136,
83.0619

■ 40.5522, 23.4065,
77.2441

■ 70.8725, 71.7222,
84.9719

■ 37.9273, 20.0019,
76.7253

■ 78.7475, 85.2046,
87.1592

■ 35.8532, 17.6405,
76.3788

■ 84.9157, 95.2107,
88.7655

■ 34.2529, 16.1693,
76.1792

■ 86.5277, 96.0417,
88.8409

■ 33.6498, 15.6971,
76.1198

■ 88.1823, 96.8947,
88.9184

■ 89.8799, 97.7699,
88.9978

■ 91.2830, 98.4932,
89.0635

Harmonies

Analogous

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



44.6585, 41.0391, 101.4142



52.3134, 41.0391, 80.0270



56.5661, 41.0391, 52.7972

Triad

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



52.3134, 41.0391, 80.0270



41.7448, 41.0391, 13.4551



26.0720, 41.0391, 61.9994

Complementary

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



52.3134, 41.0391, 80.0270



49.1605, 66.7320, 38.3084

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.



25.5183, 41.0391, 37.4488



52.3134, 41.0391, 80.0270



33.8526, 41.0391, 14.4156

Square

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



52.3134, 41.0391, 80.0270



49.9269, 41.0391, 18.3305



28.1722, 41.0391, 21.6657



29.8071, 41.0391, 88.7430

Rectangle

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



52.3134, 41.0391, 80.0270



56.5464, 41.0391, 37.2279



28.1722, 41.0391, 21.6657



25.5298, 41.0391, 53.0759

Sweetspot

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



52.3148, 41.0409, 80.0279



84.6383, 82.3045, 106.0332



40.0911, 39.1986, 80.3166



17.8611, 17.1877, 22.6261



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.



52.3148, 41.0409, 80.0279



61.5948, 44.7786, 100.0045



54.4582, 42.4980, 64.2159



14.6872, 14.4565, 18.1606



19.1550, 8.9406, 43.0993



1.4893, 0.6987, 3.1883

Inverse Universe

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



50.0158, 40.7211, 40.8228



58.4945, 44.4481, 42.5822



47.8839, 65.8397, 48.8311



14.4986, 14.4166, 15.5600



18.8091, 9.6578, 2.6235



1.4232, 0.7270, 0.3691

Previews

White Background



This preview shows how the XYZ color 52.3134, 41.0391, 80.0270 looks on a white background.

Color Contrast Check

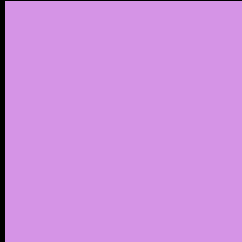
Large Text (above 18pt) WCAG AA × Fail

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 52.3134, 41.0391, 80.0270 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 52.3134, 41.0391, 80.0270

Background



This preview shows how black text looks on a background with the XYZ color 52.3134, 41.0391, 80.0270.



This preview shows how white text looks on a background with the XYZ color 52.3134, 41.0391,

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

52.3134, 41.0391, 80.0270

Protanopia

43.0091, 41.2944, 93.6995

Deuteranopia

42.2135, 41.2378, 77.6863



Tritanopia

45.1940, 41.0993, 44.5807

Trichromacy



Original Color

52.3134, 41.0391, 80.0270



Protanomaly

45.4166, 40.4985, 88.6424



Deuteranomaly

45.2004, 40.6195, 78.1311



Tritanomaly

47.5265, 41.0371, 55.8681

Monochromacy



Original Color

52.3134, 41.0391, 80.0270



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.8352, 42.2051, 58.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3134, 41.0391, 80.0270 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(213, 148, 230)` looks like.

```
.text, #text, p{  
    color:rgb(213, 148, 230)  
}
```

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(213, 148, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 148, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.3134, 41.0391, 80.0270 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(213, 148, 230) }
```


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

```
.border{ border-color:rgb(213, 148, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 148, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 148, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 148, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 148,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3134, 41.0391, 80.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 148, 230) }
```

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

```
.background{ background-color: rgb(213,  
148, 230) }
```

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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