

Converting Colors

YUV(153.4250, 46.1325,
43.4773)

Have a look what the booklet for
YUV(153.4250, 46.1325, 43.4773)
contains.

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Color

**YUV(153.4250, 46.1325,
43.4773)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6EF7
RGB	203, 110, 247
RGB Percent	80%, 43%, 97%
CMY	0.2039, 0.5686, 0.0314
CMYK	0.18, 0.55, 0.00, 0.03
HSL	281°, 90%, 70%
HSV	281°, 55%, 97%
XYZ	46.9930, 30.5638, 91.4183
YIQ	153.4250, 11.4510, 62.3230

Conversions

Conversions Part 2

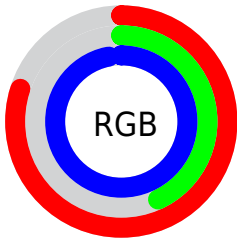
Format	Color
R _Y B	203, 110, 247
Decimal	13332215
CIE Lab	62.14, 58.57, -53.96
CIE LCh	62, 79.634, 317.346
Yxy	30.5638, 0.2781, 0.1809
Android (android.graphics.Color)	4291522295 (0xFFCB6EF7)
YUV	153.4250, 46.1325, 43.4773
Hunter-Lab	55.2845, 54.9810, -59.3426

Details

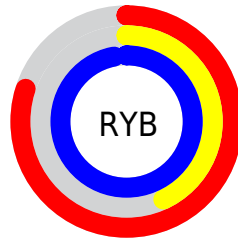
The YUV color $153.4250, 46.1325, 43.4773$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $203.5750, -46.1325, -43.4773$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.1700, 26.0452, 46.3319$, and $98.1860, 45.2643, 41.9329$ is the 20% darker color. If you saturate the color by 10%, you get $136.3580, 54.5465, 51.4290$, and if you desaturate by 10%, it is $170.4920, 37.7184, 35.5255$.

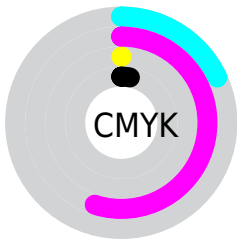
Distribution



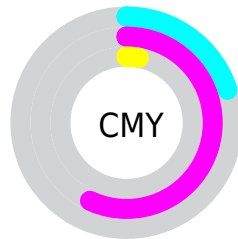
- Red (80%)
- Green (43%)
- Blue (97%)



- Red (80%)
- Yellow (43%)
- Blue (97%)



- Cyan (18%)
- Magenta (55%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (57%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4250, 46.1325, 43.4773 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 YUV color 153.4250, 46.1325, 43.4773 by changing the saturation by 10% instead.

153.4250, 46.1325,
43.4773

153.4250, 46.1325,
43.4773

255.0000, 0.0000,
0.0000

125.5990, 45.5537,
42.4477

202.1700, 26.0452,
46.3319

98.1860, 45.2643,
41.9329

218.6060, 17.9422,
31.9175

68.4250, 46.1325,
43.4773

235.6290, 9.5499,
16.9884

42.4140, 46.1379,
41.7329

252.6520, 1.1576,
2.0592

30.9640, 38.4717,
27.2186

20.3400, 31.3844,
13.7338

6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 153.4250, 46.1325,
43.4773

■ 153.4250, 46.1325,
43.4773

■ 136.3580, 54.5465,
51.4290

■ 170.4920, 37.7184,
35.5255

■ 119.8780, 62.6711,
58.8660

■ 186.9720, 29.5938,
28.0886

■ 102.8110, 71.0852,
66.8178

■ 204.0390, 21.1798,
20.1368

■ 85.7440, 79.4992,
74.7695

■ 221.1060, 12.7657,
12.1850

78.3900, 83.1247,
78.5880

238.1730, 4.3517,
4.2333

252.8920, -2.9048,
-1.6593

254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



132.4350, 60.4245, -60.8945



153.4250, 46.1325, 43.4773



140.5450, 20.9303, 100.3770

Triad

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



153.4250, 46.1325, 43.4773



141.1270, -69.5756, 56.0166



128.4940, 30.3225, -112.6892

Complementary

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



153.4250, 46.1325, 43.4773



203.5750, -46.1325, -43.4773

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.



118.9980, -0.9850, -104.3612



153.4250, 46.1325, 43.4773



135.7910, -66.9450, 5.4453

Square

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



153.4250, 46.1325, 43.4773



140.9390, -47.2979, 97.4005



119.3810, -38.6418, -66.1091



133.3280, 58.9983, -116.9287

Rectangle

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



153.4250, 46.1325, 43.4773



130.4910, 2.7159, 109.1944



119.3810, -38.6418, -66.1091



125.1710, 20.1287, -109.7750

Sweetspot

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



153.4250, 46.1325, 43.4773



225.5730, 14.5075, 13.5295



152.6200, 46.5293, -37.3777



110.0470, 8.8508, 7.8518



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



153.4250, 46.1325, 43.4773



138.1780, 57.5932, 54.2179



163.9590, 29.6002, 72.8270



113.7600, 4.0623, 3.7185



58.8780, 62.6711, 58.8660



18.6860, 19.8748, 18.6924

Inverse Universe

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



155.9790, -0.9756, 79.8254



141.3990, -1.1827, 99.6281



193.0410, -29.6002, -72.8270



114.0440, -0.0217, 6.9774



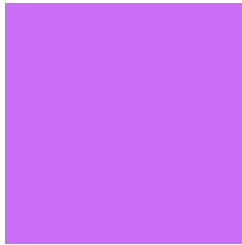
62.4540, -1.2098, 108.3498



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 153.4250, 46.1325, 43.4773 looks on a white background.

Color Contrast Check

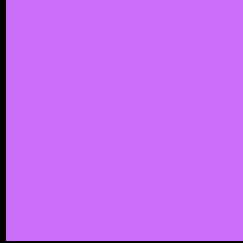
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.4250, 46.1325, 43.4773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

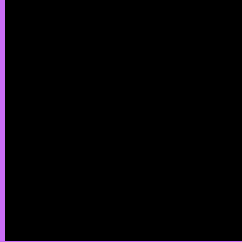
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4250, 46.1325, 43.4773

Background



This preview shows how black text looks on a background with the YUV color 153.4250, 46.1325, 43.4773.



This preview shows how white text looks on a background with the YUV color 153.4250, 46.1325,

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

153.4250, 46.1325, 43.4773

Protanopia

146.1560, 53.6601, -37.8478

Deuteranopia

145.7830, 45.9560, -40.1517



Tritanopia

152.8020, -2.8604, 30.8686

Trichromacy



Original Color

153.4250, 46.1325, 43.4773



Protanomaly

148.9470, 50.8051, -8.7235



Deuteranomaly

148.3830, 46.1532, -9.9829



Tritanomaly

153.1180, 14.7318, 34.9765

Monochromacy



Original Color

153.4250, 46.1325, 43.4773



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.8660, 16.8281, 15.9035

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4250, 46.1325, 43.4773 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(203, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 110, 247)  
}
```

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(203, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 110, 247) }
```

Border

The CSS property to change the border of an element to YUV 153.4250, 46.1325, 43.4773 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(203, 110, 247) }
```


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

```
.border{ border-color:rgb(203, 110, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 110, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 110,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 153.4250, 46.1325, 43.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 110, 247) }
```

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

```
.background{ background-color: rgb(203,  
110, 247) }
```

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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