

Converting Colors

YUV(147.0290, 46.8207,
56.1026)

Have a look what the booklet for
YUV(147.0290, 46.8207, 56.1026)
contains.

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Color

**YUV(147.0290, 46.8207,
56.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	D360F2
RGB	211, 96, 242
RGB Percent	83%, 38%, 95%
CMY	0.1725, 0.6235, 0.0510
CMYK	0.13, 0.60, 0.00, 0.05
HSL	287°, 85%, 66%
HSV	287°, 60%, 95%
XYZ	47.0739, 28.6254, 87.0486
YIQ	147.0290, 21.6740, 69.7860

Conversions

Conversions Part 2

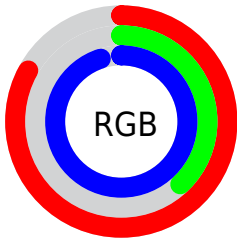
Format	Color
R _{YB}	211, 96, 242
Decimal	13852914
CIE _{Lab}	60.45, 66.07, -53.81
CIE _{LCh}	60, 85.212, 320.838
Yxy	28.6254, 0.2892, 0.1759
Android (android.graphics.Color)	4292042994 (0xFFD360F2)
YUV	147.0290, 46.8207, 56.1026
Hunter-Lab	53.5027, 63.4217, -59.0125

Details

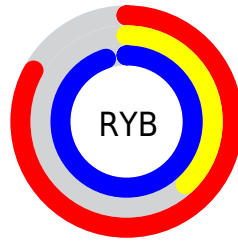
The YUV color **147.0290, 46.8207, 56.1026** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **190.9710, -46.8207, -56.1026**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 29.8073, 53.0243**, and **87.9690, 47.8363, 57.0322** is the 20% darker color. If you saturate the color by 10%, you get **131.4460, 54.5031, 65.3839**, and if you desaturate by 10%, it is **162.6120, 39.1383, 46.8213**.

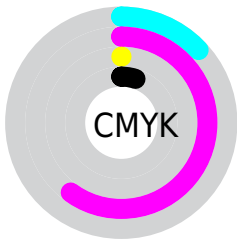
Distribution



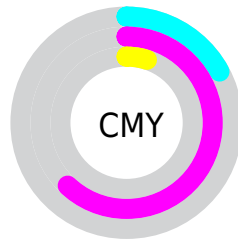
- Red (83%)
- Green (38%)
- Blue (95%)



- Red (83%)
- Yellow (38%)
- Blue (95%)



- Cyan (13%)
- Magenta (60%)
- Yellow (0%)
- Black (5%)





- Cyan (17%)
- Magenta (62%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.0290, 46.8207, 56.1026 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 147.0290, 46.8207, 56.1026 by changing the saturation by 10% instead.


 147.0290, 46.8207,
56.1026


 147.0290, 46.8207,
56.1026


255.0000, 0.0000,
0.0000


 118.0290, 46.8207,
56.1026


 194.5390, 29.8073,
53.0243


 87.9690, 47.8363,
57.0322


 211.5620, 21.4149,
38.0951


 55.3870, 50.5882,
61.0506

 227.9980, 13.3120,
23.6808

 43.9370, 42.9221,
46.5363

 245.6080, 4.6303,
8.2368

 32.6010, 35.6927,
31.9219

 22.2760, 28.4579,
19.0519

 7.5800, 23.8711,

-3.1397

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 147.0290, 46.8207,
56.1026

■ 147.0290, 46.8207,
56.1026

■ 131.4460, 54.5031,
65.3839

■ 162.6120, 39.1383,
46.8213

■ 115.8630, 62.1855,
74.6651

■ 178.1950, 31.4559,
37.5400

■ 99.6930, 70.1574,
84.4612

■ 194.3650, 23.4841,
27.7439

■ 84.6970, 77.5504,
93.2277

■ 210.2470, 15.6542,
19.0774

225.8300, 7.9718,
9.7961

241.4130, 0.2894,
0.5148

251.1260, -4.4991,
-3.6185

252.6210, -5.2362,
-0.5446

253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



130.7290, 61.2656, -50.6283



147.0290, 46.8207, 56.1026



125.7900, 22.7815, 113.3172

Triad

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



147.0290, 46.8207, 56.1026



136.9630, -67.5228, 50.8984



126.9440, 34.5376, -111.3299

Complementary

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



147.0290, 46.8207, 56.1026



190.9710, -46.8207, -56.1026

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.



117.4650, 0.7568, -103.0168



147.0290, 46.8207, 56.1026



130.4200, -64.2971, -3.8763

Square

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



147.0290, 46.8207, 56.1026



134.1320, -56.7601, 98.9852



104.4810, -33.7611, -91.6298



131.7950, 60.7401, -115.5842

Rectangle

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



147.0290, 46.8207, 56.1026



116.5680, 2.6780, 121.4049



104.4810, -33.7611, -91.6298



124.0940, 23.6177, -108.8304

Sweetspot

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



147.0290, 46.8207, 56.1026



225.0080, 14.7861, 17.5330



131.4280, 54.5120, -31.0704



109.1830, 9.2768, 11.2405



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.



147.0290, 46.8207, 56.1026



135.3310, 58.9968, 70.7467



151.6240, 24.3424, 79.2598



112.0590, 3.9149, 4.3333



64.3310, 58.9968, 70.7467



19.5400, 17.9748, 21.4514

Inverse Universe

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



143.1880, -7.9807, 86.6581



130.4620, -10.0878, 109.2198



186.3760, -24.3424, -79.2598



111.8160, -0.8953, 7.1774



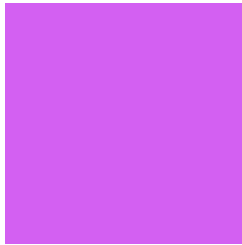
59.4620, -10.0878, 109.2198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 147.0290, 46.8207, 56.1026 looks on a white background.

Color Contrast Check

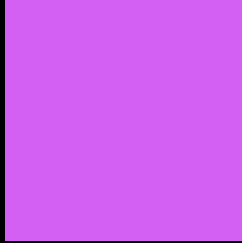
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 147.0290, 46.8207, 56.1026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

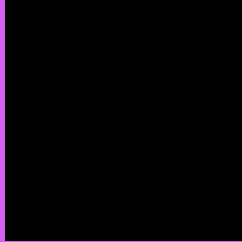
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.0290, 46.8207, 56.1026

Background



This preview shows how black text looks on a background with the YUV color 147.0290, 46.8207, 56.1026.



This preview shows how white text looks on a background with the YUV color 147.0290, 46.8207,

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

147.0290, 46.8207, 56.1026

Protanopia

140.5300, 56.4337, -40.8068

Deuteranopia

140.9680, 45.3718, -39.4369



Tritanopia

148.0700, -5.9505, 42.0346

Trichromacy



Original Color

147.0290, 46.8207, 56.1026



Protanomaly

142.8380, 52.8309, -5.1199



Deuteranomaly

143.3020, 45.7001, -4.6499



Tritanomaly

147.5540, 13.5309, 46.8721

Monochromacy



Original Color

147.0290, 46.8207, 56.1026



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7140, 17.3960, 20.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0290, 46.8207, 56.1026 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(211, 96, 242)` looks like.

```
.text, #text, p{  
    color:rgb(211, 96, 242)  
}
```

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(211, 96, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 96, 242) }
```

Border

The CSS property to change the border of an element to YUV 147.0290, 46.8207, 56.1026 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(211, 96, 242) }
```


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

```
.border{ border-color:rgb(211, 96, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 96, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 96, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 96, 242);  
box-shadow:4px 4px 4px 4px rgb(211, 96,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 147.0290, 46.8207, 56.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 96, 242) }
```

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

```
.background{ background-color: rgb(211, 96,  
242) }
```

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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