

Converting Colors

YUV(146.9770, 18.7453,
54.3942)

Have a look what the booklet for
YUV(146.9770, 18.7453, 54.3942)
contains.

YUV(146.9770, 18.7453, 54.3942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.9770, 18.7453,
54.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	D16CB9
RGB	209, 108, 185
RGB Percent	82%, 42%, 73%
CMY	0.1804, 0.5765, 0.2745
CMYK	0.00, 0.48, 0.11, 0.18
HSL	314°, 52%, 62%
HSV	314°, 48%, 82%
XYZ	40.4140, 27.7832, 49.1316
YIQ	146.9770, 35.4790, 45.3590

Conversions

Conversions Part 2

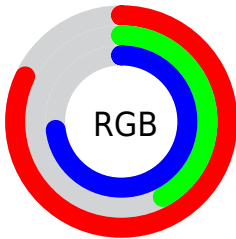
Format	Color
RYB	209, 108, 185
Decimal	13724857
CIELab	59.69, 49.72, -22.90
CIELCh	60, 54.741, 335.274
Yxy	27.7832, 0.3445, 0.2368
Android (android.graphics.Color)	4291914937 (0xFFD16CB9)
YUV	146.9770, 18.7453, 54.3942
Hunter-Lab	52.7098, 44.6186, -18.3682

Details

The YUV color **146.9770, 18.7453, 54.3942** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.0230, -18.7453, -54.3942**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8130, 20.7982, 49.2760**, and **92.7810, 19.3350, 51.9351** is the 20% darker color. If you saturate the color by 10%, you get **134.0800, 22.6386, 65.7048**, and if you desaturate by 10%, it is **159.8740, 14.8521, 43.0835**.

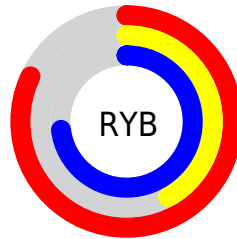
Distribution



Red (82%)

Green (42%)

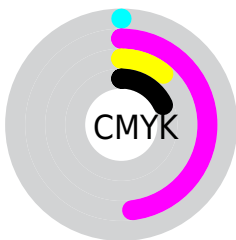
Blue (73%)



Red (82%)

Yellow (42%)

Blue (73%)

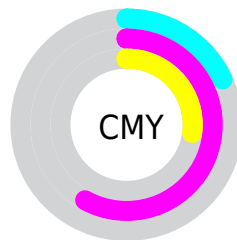


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9770, 18.7453, 54.3942 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 146.9770, 18.7453, 54.3942 by changing the saturation by 10% instead.


 146.9770, 18.7453,
54.3942


 146.9770, 18.7453,
54.3942


255.0000, 0.0000,
0.0000


 119.3790, 19.0402,
53.1646


 198.8130, 20.7982,
49.2760


 92.7810, 19.3350,
51.9351


 216.8450, 18.8104,
33.4619


 64.1340, 20.6399,
53.3795

 233.8680, 10.4181,
18.5328

 38.6500, 21.3715,
52.0500

 250.8910, 2.0257,
3.6036

 28.2540, 15.1578,
38.3652

 19.1680, 8.7912,
27.0397

 3.8740, 4.4991,

3.6185

■ 0.0000, 0.0000,
0.0000

■ 146.9770, 18.7453,
54.3942

■ 146.9770, 18.7453,
54.3942

■ 134.0800, 22.6386,
65.7048

■ 159.8740, 14.8521,
43.0835

■ 121.1830, 26.5318,
77.0155

■ 172.7710, 10.9589,
31.7728

■ 108.2860, 30.4250,
88.3262

■ 185.6680, 7.0657,
20.4622

■ 95.3890, 34.3182,
99.6368

■ 198.5650, 3.1725,
9.1515

■ 83.0790, 37.9221,
110.4327

■ 211.4620, -0.7208,
-2.1592

■ 80.6170, 38.6428,
112.5919

■ 223.7720, -4.3246,
-12.9550

■ 236.6690, -8.2178,
-24.2657

■ 237.8260, -6.3232,
-25.2804

■ 238.3960, -4.1392,
-25.7803

Harmonies

Analogous

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



146.9140, 37.5104, 8.8454



146.9770, 18.7453, 54.3942



142.8000, -2.8594, 77.3514

Triad

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



146.9770, 18.7453, 54.3942



137.4120, -48.5171, 21.5637



120.0140, 38.4471, -105.2523

Complementary

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



146.9770, 18.7453, 54.3942



170.0230, -18.7453, -54.3942

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.



115.2430, 17.6282, -101.0681



146.9770, 18.7453, 54.3942



132.1880, -35.5887, -18.5819

Square

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



146.9770, 18.7453, 54.3942



140.8040, -42.7944, 52.7919



115.3710, -6.5919, -79.2554



119.6670, 54.8872, -104.9480

Rectangle

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



146.9770, 18.7453, 54.3942



142.0870, -18.2839, 77.9767



115.3710, -6.5919, -79.2554



119.0050, 32.0425, -104.3674

Sweetspot

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



146.9770, 18.7453, 54.3942



232.9560, 6.9237, 19.3326



126.6900, 40.5788, 4.6569



114.4020, 3.7458, 11.9254



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.



146.9770, 18.7453, 54.3942



164.1340, 27.5419, 79.6895



141.2770, -3.0946, 59.3931



98.2010, 1.8729, 5.9627



64.8240, 31.1458, 90.4854



15.7930, 7.4971, 22.1065

Inverse Universe

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



146.9770, 18.7453, 54.3942



164.1340, 27.5419, 79.6895



175.7230, 3.0946, -59.3931



98.2010, 1.8729, 5.9627



64.8240, 31.1458, 90.4854



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 146.9770, 18.7453, 54.3942 looks on a white background.

Color Contrast Check

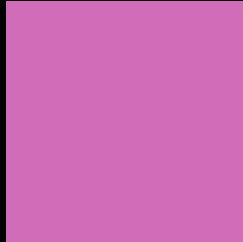
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9770, 18.7453, 54.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

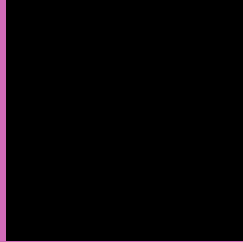
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.9770, 18.7453, 54.3942

Background



This preview shows how black text looks on a background with the YUV color 146.9770, 18.7453, 54.3942.



This preview shows how white text looks on a background with the YUV color 146.9770, 18.7453,

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

146.9770, 18.7453, 54.3942

Protanopia

143.8860, 33.0872, -19.1940

Deuteranopia

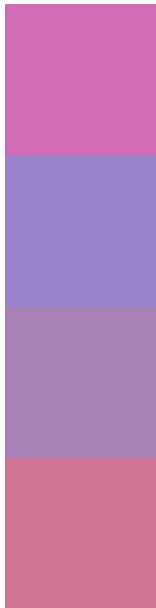
145.0330, 16.7457, -4.4139



Tritanopia

145.8430, -8.3036, 50.1267

Trichromacy



Original Color

146.9770, 18.7453, 54.3942

Protanomaly

145.3840, 27.9117, 7.5562

Deuteranomaly

145.6920, 17.4068, 16.9331

Tritanomaly

146.3730, 1.2951, 51.4159

Monochromacy



Original Color

146.9770, 18.7453, 54.3942

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2550, 6.7763, 19.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9770, 18.7453, 54.3942 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, 108, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 108, 185)  
}
```

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, 108, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 108, 185) }
```

Border

The CSS property to change the border of an element to YUV 146.9770, 18.7453, 54.3942 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, 108, 185) }
```


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

```
.border{ border-color:rgb(209, 108, 185) }
```

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

Here you see how a box with a 4 pixel rgb(209, 108, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 108, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 108, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 108,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 146.9770, 18.7453, 54.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 108, 185) }
```

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

```
.background{ background-color: rgb(209,  
108, 185) }
```

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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