

Converting Colors

YUV(158.5050, 34.7540,
53.0541)

Have a look what the booklet for
YUV(158.5050, 34.7540, 53.0541)
contains.

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Color

**YUV(158.5050, 34.7540,
53.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	DB72E5
RGB	219, 114, 229
RGB Percent	86%, 45%, 90%
CMY	0.1412, 0.5529, 0.1020
CMYK	0.04, 0.50, 0.00, 0.10
HSL	295°, 69%, 67%
HSV	295°, 50%, 90%
XYZ	49.3736, 32.7518, 77.8482
YIQ	158.5050, 25.6650, 58.0250

Conversions

Conversions Part 2

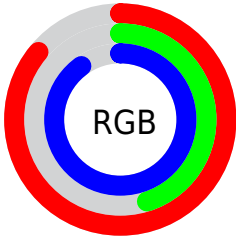
Format	Color
R _Y B	219, 114, 229
Decimal	14381797
CIE _{Lab}	63.96, 57.28, -40.98
CIE _{LCh}	64, 70.429, 324.422
Yxy	32.7518, 0.3086, 0.2047
Android (android.graphics.Color)	4292571877 (0xFFDB72E5)
YUV	158.5050, 34.7540, 53.0541
Hunter-Lab	57.2292, 53.8469, -40.5910

Details

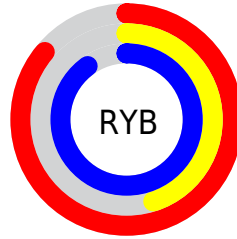
The YUV color **158.5050, 34.7540, 53.0541** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.4950, -34.7540, -53.0541**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **102.7930, 34.6121, 51.9245** is the 20% darker color. If you saturate the color by 10%, you get **144.4060, 41.7048, 63.6649**, and if you desaturate by 10%, it is **172.6040, 27.8032, 42.4433**.

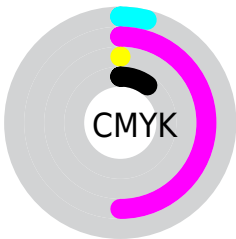
Distribution



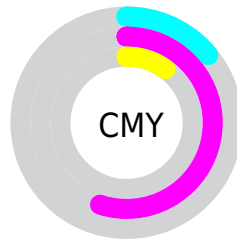
- Red (86%)
- Green (45%)
- Blue (90%)



- Red (86%)
- Yellow (45%)
- Blue (90%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)





- Cyan (14%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.5050, 34.7540, 53.0541 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 158.5050, 34.7540, 53.0541 by changing the saturation by 10% instead.


 158.5050, 34.7540,
53.0541


 158.5050, 34.7540,
53.0541


255.0000, 0.0000,
0.0000

 130.7930, 34.6121,
51.9245


 204.5180, 24.8876,
44.2727


 102.7930, 34.6121,
51.9245


 221.5410, 16.4953,
29.3435

 73.7330, 35.6276,
52.8542

 238.5640, 8.1029,
14.4144

 45.3740, 36.7906,
53.1690

 34.7500, 29.7033,
39.6842

 24.1260, 22.6159,
26.1995

 13.7300, 16.4021,

12.5148

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 158.5050, 34.7540,
53.0541

■ 158.5050, 34.7540,
53.0541

■ 144.4060, 41.7048,
63.6649

■ 172.6040, 27.8032,
42.4433

■ 130.3070, 48.6556,
74.2758

■ 186.7030, 20.8524,
31.8325

■ 116.2080, 55.6065,
84.8866

■ 200.8020, 13.9016,
21.2216

■ 102.1090, 62.5573,
95.4974

■ 214.9010, 6.9508,
10.6108

88.5970, 69.2187,
105.5934

229.0000, 0.0000,
0.0000

242.5120, -6.6614,
-10.0960

245.4580, -8.1138,
-10.9257

246.0560, -8.4086,
-9.6961

246.6540, -8.7034,
-8.4666

Harmonies

Analogous

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



151.8810, 50.8377, -19.1896



158.5050, 34.7540, 53.0541



149.5150, 9.6061, 92.5103

Triad

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



158.5050, 34.7540, 53.0541



145.1810, -71.5742, 43.6913



131.3780, 36.2956, -115.2185

Complementary

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



158.5050, 34.7540, 53.0541



184.4950, -34.7540, -53.0541

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.



123.4950, 8.6300, -108.3051



158.5050, 34.7540, 53.0541



139.8760, -62.5499, -4.2763

Square

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



158.5050, 34.7540, 53.0541



149.1880, -48.4067, 79.6421



124.6260, -23.4796, -75.9710



134.1430, 59.5825, -117.6434

Rectangle

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



158.5050, 34.7540, 53.0541



144.1400, -8.4500, 97.2242



124.6260, -23.4796, -75.9710



128.9840, 27.1229, -113.1190

Sweetspot

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



158.5050, 34.7540, 53.0541



231.7970, 11.4391, 17.7180



133.5670, 47.0485, -17.1603



113.9010, 6.9508, 10.6108



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.



158.5050, 34.7540, 53.0541



161.3020, 46.1931, 70.7721



156.2510, 13.1873, 63.8009



107.6570, 3.6201, 5.5628



69.1430, 54.1595, 82.3126



19.8670, 15.3486, 23.7956

Inverse Universe

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



149.5250, -12.5838, 69.6996



149.2290, -16.8749, 92.7612



186.7490, -13.1873, -63.8009



106.7020, -1.3321, 7.2773



55.3450, -19.3971, 108.4454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 158.5050, 34.7540, 53.0541 looks on a white background.

Color Contrast Check

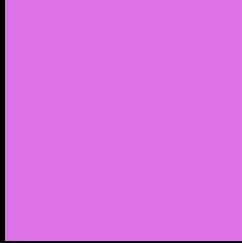
Large Text (above 18pt) WCAG AA × Fail

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 158.5050, 34.7540, 53.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

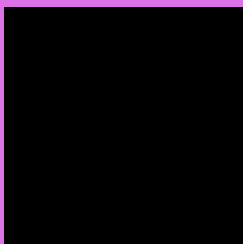
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5050, 34.7540, 53.0541

Background



This preview shows how black text looks on a background with the YUV color 158.5050, 34.7540, 53.0541.



This preview shows how white text looks on a background with the YUV color 158.5050, 34.7540,

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

158.5050, 34.7540, 53.0541

Protanopia

152.3800, 50.5917, -33.6593

Deuteranopia

154.5760, 33.2400, -21.5532



Tritanopia

157.9670, -6.3927, 43.8789

Trichromacy



Original Color

158.5050, 34.7540, 53.0541



Protanomaly

154.4980, 45.1105, -2.1907



Deuteranomaly

155.6810, 34.1743, 5.5418



Tritanomaly

158.0010, 8.8735, 47.3571

Monochromacy



Original Color

158.5050, 34.7540, 53.0541



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0360, 12.3073, 19.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5050, 34.7540, 53.0541 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(219, 114, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 114, 229)  
}
```

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(219, 114, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 114, 229) }
```

Border

The CSS property to change the border of an element to YUV 158.5050, 34.7540, 53.0541 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(219, 114, 229) }
```


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

```
.border{ border-color:rgb(219, 114, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 114, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 114, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 114, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 114,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 158.5050, 34.7540, 53.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 114, 229) }
```

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

```
.background{ background-color: rgb(219,  
114, 229) }
```

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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