

Converting Colors

YUV(165.8040, 34.6066,
53.6689)

Have a look what the booklet for
YUV(165.8040, 34.6066, 53.6689)
contains.

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Color

**YUV(165.8040, 34.6066,
53.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	E379EC
RGB	227, 121, 236
RGB Percent	89%, 47%, 93%
CMY	0.1098, 0.5255, 0.0745
CMYK	0.04, 0.49, 0.00, 0.07
HSL	295°, 75%, 70%
HSV	295°, 49%, 93%
XYZ	53.6562, 36.0618, 83.4895
YIQ	165.8040, 26.2610, 58.2370

Conversions

Conversions Part 2

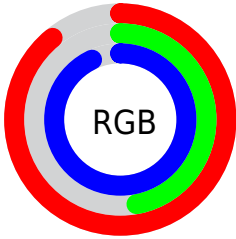
Format	Color
R_{YB}	227, 121, 236
Decimal	14907884
CIE _{Lab}	66.57, 57.34, -40.70
CIE _{LCh}	67, 70.318, 324.634
Yxy	36.0618, 0.3098, 0.2082
Android (android.graphics.Color)	4293097964 (0xFFE379EC)
YUV	165.8040, 34.6066, 53.6689
Hunter-Lab	60.0515, 54.4005, -40.3948

Details

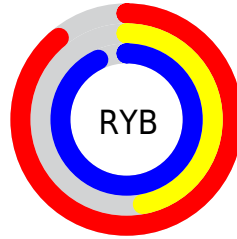
The YUV color **165.8040, 34.6066, 53.6689** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.1960, -34.6066, -53.6689**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **109.7930, 34.6121, 51.9245** is the 20% darker color. If you saturate the color by 10%, you get **151.1180, 41.8468, 64.7945**, and if you desaturate by 10%, it is **180.4900, 27.3664, 42.5433**.

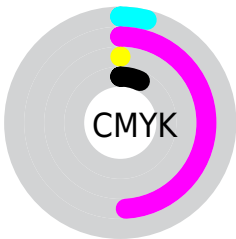
Distribution



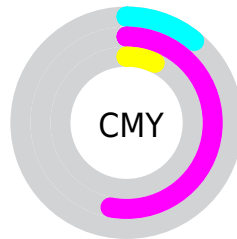
- Red (89%)
- Green (47%)
- Blue (93%)



- Red (89%)
- Yellow (47%)
- Blue (93%)



- Cyan (4%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)





- Cyan (11%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.8040, 34.6066, 53.6689 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 165.8040, 34.6066, 53.6689 by changing the saturation by 10% instead.


 165.8040, 34.6066,
53.6689


 165.8040, 34.6066,
53.6689


255.0000, 0.0000,
0.0000

 138.0920, 34.4646,
52.5393


 209.2140, 22.5725,
40.1543


 109.7930, 34.6121,
51.9245


 225.6500, 14.4696,
25.7400

 81.3200, 35.3382,
52.3394

 242.6730, 6.0772,
10.8108

 48.4500, 38.2321,
57.4873

 37.5270, 31.2922,
43.3878

 26.6040, 24.3522,
29.2883

 16.8060, 17.8436,

16.8331

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 165.8040, 34.6066,
53.6689

■ 165.8040, 34.6066,
53.6689

■ 151.1180, 41.8468,
64.7945

■ 180.4900, 27.3664,
42.5433

■ 137.0190, 48.7976,
75.4053

■ 194.5890, 20.4156,
31.9324

■ 122.3330, 56.0378,
86.5310

■ 209.2750, 13.1754,
20.8068

■ 108.5330, 62.8412,
97.7566

■ 223.0750, 6.3720,
9.5812

93.8470, 70.0814,
108.8822

237.7610, -0.8682,
-1.5444

92.0860, 70.9496,
110.4266

247.7510, -5.7932,
-8.5516

248.3490, -6.0881,
-7.3221

248.9470, -6.3829,
-6.0925

249.5450, -6.6777,
-4.8630

Harmonies

Analogous

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



158.6810, 47.4853, -17.2602



165.8040, 34.6066, 53.6689



154.4220, 10.6380, 88.2069

Triad

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



165.8040, 34.6066, 53.6689



151.8390, -72.8846, 43.9912



136.3990, 37.7643, -119.6219

Complementary

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



165.8040, 34.6066, 53.6689



191.1960, -34.6066, -53.6689

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.



128.9890, 9.3724, -113.1234



165.8040, 34.6066, 53.6689



147.5600, -59.9291, -4.8761

Square

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



165.8040, 34.6066, 53.6689



156.3730, -48.9909, 80.3569



132.5230, -23.9218, -74.1267



138.2520, 57.5568, -121.2470

Rectangle

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



165.8040, 34.6066, 53.6689



149.6340, -7.7076, 92.4060



132.5230, -23.9218, -74.1267



134.0050, 28.5915, -117.5224

Sweetspot

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



165.8040, 34.6066, 53.6689



231.7970, 11.4391, 17.7180



139.9800, 47.3379, -16.6455



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.



165.8040, 34.6066, 53.6689



164.5360, 44.5988, 68.8129



163.0230, 12.3137, 64.0008



110.2440, 3.3307, 5.0480



70.5670, 54.4435, 84.5717



20.8070, 16.3641, 24.7253

Inverse Universe

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



156.4110, -13.0206, 69.7996



152.6200, -16.5747, 89.7873



193.9770, -12.3137, -64.0008



109.2890, -1.6215, 6.7625



55.7150, -20.5655, 109.8749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 165.8040, 34.6066, 53.6689 looks on a white background.

Color Contrast Check

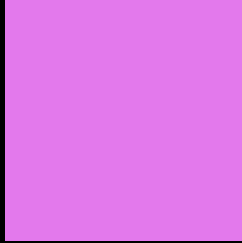
Large Text (above 18pt) WCAG AA × Fail

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 165.8040, 34.6066, 53.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

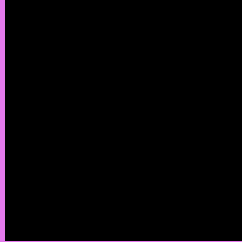
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8040, 34.6066, 53.6689

Background



This preview shows how black text looks on a background with the YUV color 165.8040, 34.6066, 53.6689.



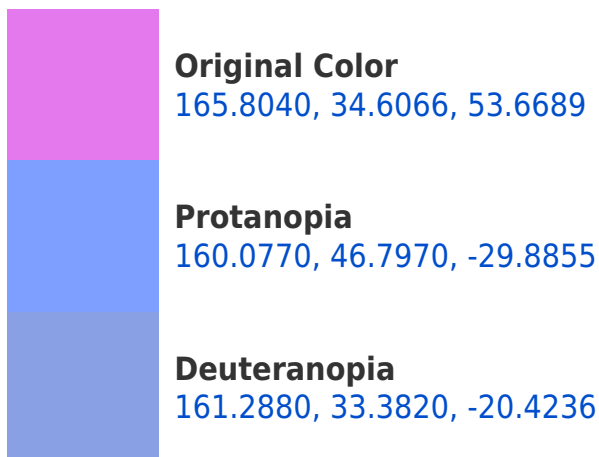
This preview shows how white text looks on a background with the YUV color 165.8040, 34.6066, 53.6689.

53.6689.

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





Tritanopia

164.6790, -6.2507, 45.0085

Trichromacy



Original Color

165.8040, 34.6066, 53.6689



Protanomaly

162.1240, 42.3369, 0.7683



Deuteranomaly

162.9800, 34.0269, 6.1565



Tritanomaly

165.3000, 8.7261, 47.9719

Monochromacy



Original Color

165.8040, 34.6066, 53.6689



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0360, 12.3073, 19.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8040, 34.6066, 53.6689 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(227, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(227, 121, 236)  
}
```

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(227, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 121, 236) }
```

Border

The CSS property to change the border of an element to YUV 165.8040, 34.6066, 53.6689 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(227, 121, 236) }
```


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

```
.border{ border-color:rgb(227, 121, 236) }
```

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

Here you see how a box with a 4 pixel rgb(227, 121, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 121, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 121, 236);  
box-shadow:4px 4px 4px 4px rgb(227, 121,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 165.8040, 34.6066, 53.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 121, 236) }
```

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

```
.background{ background-color: rgb(227,  
121, 236) }
```

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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