

Converting Colors

YUV(165.9940, 36.4850,
57.8873)

Have a look what the booklet for
YUV(165.9940, 36.4850, 57.8873)
contains.

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Color

**YUV(165.9940, 36.4850,
57.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	E876F0
RGB	232, 118, 240
RGB Percent	91%, 46%, 94%
CMY	0.0902, 0.5373, 0.0588
CMYK	0.03, 0.51, 0.00, 0.06
HSL	296°, 80%, 70%
HSV	296°, 51%, 94%
XYZ	55.4853, 36.4039, 86.5403
YIQ	165.9940, 28.7820, 62.1100

Conversions

Conversions Part 2

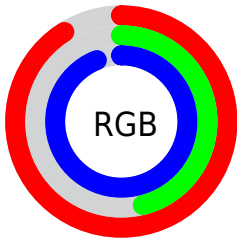
Format	Color
R _Y B	232, 118, 240
Decimal	15234800
CIE Lab	66.83, 60.86, -42.45
CIE LCh	67, 74.208, 325.103
Yxy	36.4039, 0.3110, 0.2040
Android (android.graphics.Color)	4293424880 (0xFFE876F0)
YUV	165.9940, 36.4850, 57.8873
Hunter-Lab	60.3357, 58.5630, -42.8055

Details

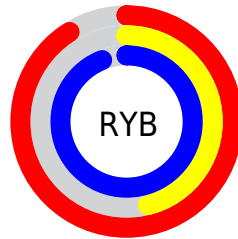
The YUV color **165.9940, 36.4850, 57.8873** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **192.0060, -36.4850, -57.8873**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 23.4407, 41.6987**, and **109.2820, 36.3430, 56.7577** is the 20% darker color. If you saturate the color by 10%, you get **151.3080, 43.7252, 69.0129**, and if you desaturate by 10%, it is **180.6800, 29.2448, 46.7616**.

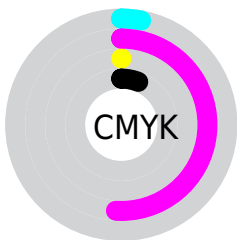
Distribution



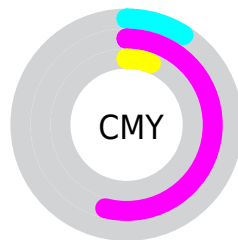
- Red (91%)
- Green (46%)
- Blue (94%)



- Red (91%)
- Yellow (46%)
- Blue (94%)



- Cyan (3%)
- Magenta (51%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (54%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9940, 36.4850, 57.8873 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 165.9940, 36.4850, 57.8873 by changing the saturation by 10% instead.

165.9940, 36.4850,
57.8873

165.9940, 36.4850,
57.8873

255.0000, 0.0000,
0.0000

137.5810, 36.1956,
57.3725

207.4530, 23.4407,
41.6987

109.2820, 36.3430,
56.7577

224.4760, 15.0483,
26.7695

79.6350, 37.6479,
58.2021

241.4990, 6.6560,
11.8404

50.1020, 39.3897,
59.5465

38.7660, 32.1604,
44.9322

28.1420, 25.0730,
31.4475

18.0450, 18.7118,

18.3775

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 165.9940, 36.4850,
57.8873

■ 165.9940, 36.4850,
57.8873

■ 151.3080, 43.7252,
69.0129

■ 180.6800, 29.2448,
46.7616

■ 136.9210, 50.8179,
80.7533

■ 195.0670, 22.1520,
35.0212

■ 122.2350, 58.0581,
91.8789

■ 209.7530, 14.9118,
23.8956

■ 107.8480, 65.1509,
103.6193

■ 224.1400, 7.8190,
12.1552

■ 94.3360, 71.8124,
113.7153

■ 238.8260, 0.5788,
1.0296

■ 249.1040, -4.4883,
-7.1072

■ 249.7020, -4.7831,
-5.8777

■ 250.3000, -5.0779,
-4.6481

■ 250.5990, -5.2253,
-4.0333

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



165.9940, 36.4850, 57.8873



151.4870, 12.0849, 90.7809

Triad

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



165.9940, 36.4850, 57.8873



152.2690, -75.0686, 44.4911



138.1430, 39.3695, -121.1514

Complementary

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



165.9940, 36.4850, 57.8873



192.0060, -36.4850, -57.8873

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.



129.6900, 9.5198, -113.7381



165.9940, 36.4850, 57.8873



145.4970, -67.7860, -4.8209

Square

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



165.9940, 36.4850, 57.8873



156.1840, -52.3487, 84.0306



127.3750, -22.8629, -87.1519



139.4260, 56.9780, -122.2766

Rectangle

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



165.9940, 36.4850, 57.8873



147.0580, -7.4236, 94.6651



127.3750, -22.8629, -87.1519



135.5210, 29.3231, -118.8519

Sweetspot

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



165.9940, 36.4850, 57.8873



231.7970, 11.4391, 17.7180



136.6040, 50.9742, -16.3157



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.



165.9940, 36.4850, 57.8873



160.4380, 46.6191, 74.1609



162.3440, 12.1554, 68.1043



112.6570, 3.6201, 5.5628



72.4040, 55.0168, 87.3457



21.9320, 16.7955, 26.3696

Inverse Universe

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



155.3900, -14.4893, 74.2030



146.8980, -18.1907, 94.8055



195.6560, -12.1554, -68.1043



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 165.9940, 36.4850, 57.8873 looks on a white background.

Color Contrast Check

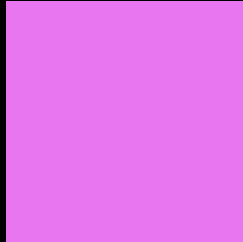
Large Text (above 18pt) WCAG AA × Fail

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 165.9940, 36.4850, 57.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

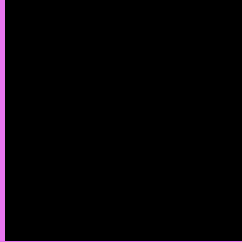
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9940, 36.4850, 57.8873

Background



This preview shows how black text looks on a background with the YUV color 165.9940, 36.4850, 57.8873.



This preview shows how white text looks on a background with the YUV color 165.9940, 36.4850,

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

165.9940, 36.4850, 57.8873

Protanopia

160.9630, 46.3602, -29.7856

Deuteranopia

161.9180, 34.5504, -21.8531



Tritanopia

165.3590, -7.5720, 48.7972

Trichromacy



Original Color

165.9940, 36.4850, 57.8873



Protanomaly

162.9500, 42.9157, 1.7979



Deuteranomaly

163.3330, 35.3318, 7.6010



Tritanomaly

165.6210, 8.5678, 52.0754

Monochromacy



Original Color

165.9940, 36.4850, 57.8873



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2750, 13.1754, 20.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9940, 36.4850, 57.8873 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(232, 118, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 118, 240)  
}
```

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(232, 118, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 118, 240) }
```

Border

The CSS property to change the border of an element to YUV 165.9940, 36.4850, 57.8873 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(232, 118, 240) }
```


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

```
.border{ border-color:rgb(232, 118, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 118, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 118, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 118, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 118,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 165.9940, 36.4850, 57.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 118, 240) }
```

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

```
.background{ background-color: rgb(232,  
118, 240) }
```

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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