

Converting Colors

YUV(116.0440, 60.6173,
17.5014)

Have a look what the booklet for
YUV(116.0440, 60.6173, 17.5014)
contains.

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Color

**YUV(116.0440, 60.6173,
17.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	8852EF
RGB	136, 82, 239
RGB Percent	53%, 32%, 94%
CMY	0.4667, 0.6784, 0.0627
CMYK	0.43, 0.66, 0.00, 0.06
HSL	261°, 83%, 63%
HSV	261°, 66%, 94%
XYZ	28.7506, 17.5008, 83.5240
YIQ	116.0440, -18.2130, 60.2750

Conversions

Conversions Part 2

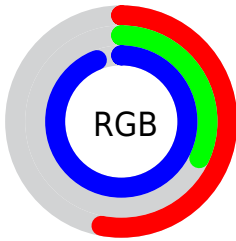
Format	Color
R _{YB}	136, 82, 239
Decimal	8934127
CIE _{Lab}	48.88, 55.96, -71.21
CIE _{LCh}	49, 90.570, 308.162
Yxy	17.5008, 0.2215, 0.1349
Android (android.graphics.Color)	4287124207 (0xFF8852EF)
YUV	116.0440, 60.6173, 17.5014
Hunter-Lab	41.8340, 49.4656, -89.0922

Details

The YUV color **116.0440, 60.6173, 17.5014** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **204.9560, -60.6173, -17.5014**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0330, 43.8607, 25.4041**, and **60.7830, 59.7600, 12.4683** is the 20% darker color. If you saturate the color by 10%, you get **97.1720, 69.9212, 20.0202**, and if you desaturate by 10%, it is **134.9160, 51.3134, 14.9827**.

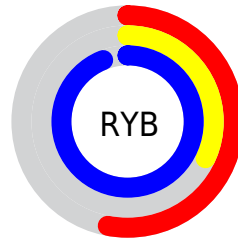
Distribution



Red (53%)

Green (32%)

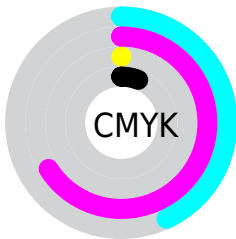
Blue (94%)



Red (53%)

Yellow (32%)

Blue (94%)

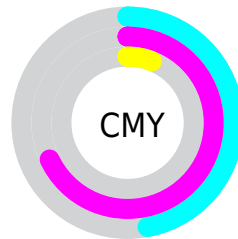


Cyan (43%)

Magenta (66%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (68%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0440, 60.6173, 17.5014 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 116.0440, 60.6173, 17.5014 by changing the saturation by 10% instead.

■ 116.0440, 60.6173,
17.5014

■ 116.0440, 60.6173,
17.5014

■ 255.0000, 0.0000,
0.0000

■ 88.5060, 59.8965,
15.3422

■ 166.0330, 43.8607,
25.4041

■ 60.7830, 59.7600,
12.4683

■ 191.7380, 31.1882,
30.0478

■ 29.5160, 61.3706,
9.1945

■ 216.2580, 19.0998,
33.9767

■ 14.4780, 55.4733,
-12.6972

■ 233.2810, 10.7075,
19.0476

■ 11.6280, 44.5534,
-10.1978

■ 250.3040, 2.3151,
4.1184

■ 10.4250, 32.3285,
-9.1427

■ 8.8630, 21.2665,

-7.7729

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 116.0440, 60.6173,
17.5014

■ 116.0440, 60.6173,
17.5014

■ 97.1720, 69.9212,
20.0202

■ 134.9160, 51.3134,
14.9827

■ 78.5990, 79.0777,
23.1537

■ 153.4890, 42.1569,
11.8491

■ 59.7270, 88.3816,
25.6724

■ 172.3610, 32.8530,
9.3304

■ 51.7640, 92.3073,
26.5170

■ 191.2330, 23.5491,
6.8117

■ 209.8060, 14.3926,
3.6781

■ 228.0910, 5.3781,
1.6742

■ 246.9630, -3.9258,
-0.8446

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



116.0440, 60.6173, 17.5014



85.4310, 44.1575, 117.1400

Triad

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



116.0440, 60.6173, 17.5014



108.4440, -53.4629, 68.0166



101.2060, 17.1534, -88.7577

Complementary

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



116.0440, 60.6173, 17.5014



204.9560, -60.6173, -17.5014

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.



89.9830, -18.2326, -78.9151



116.0440, 60.6173, 17.5014



107.2170, -52.8580, 13.8417

Square

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



116.0440, 60.6173, 17.5014



86.7140, -32.3970, 124.7848



82.2240, -40.5364, -65.0944



109.7560, 49.9133, -96.2560

Rectangle

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



116.0440, 60.6173, 17.5014



86.1950, 18.6379, 135.7640



82.2240, -40.5364, -65.0944



98.1280, 5.3599, -86.0583

Sweetspot

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



116.0440, 60.6173, 17.5014



215.1960, 19.6234, 5.9671



161.5330, 38.1912, -69.7504



103.5240, 12.0667, 3.0485



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.



116.0440, 60.6173, 17.5014



97.5450, 77.6253, 22.3240



139.0670, 49.2670, 64.8392



110.5640, 4.6519, 1.2594



39.8130, 71.0842, 20.3350



12.0650, 21.6600, 6.0820

Inverse Universe

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



140.6850, 21.8473, 86.2223



129.1470, 28.0285, 110.3731



181.9330, -49.2670, -64.8392



112.5000, 1.7255, 6.5775



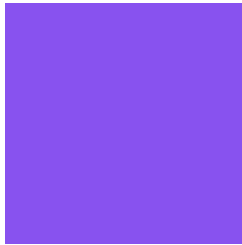
68.6960, 25.2929, 101.1216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 116.0440, 60.6173, 17.5014 looks on a white background.

Color Contrast Check

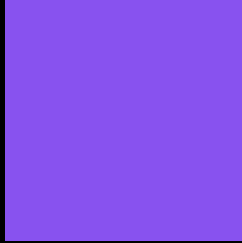
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.0440, 60.6173, 17.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

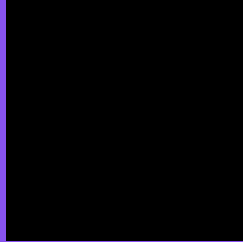
Any Text WCAG AA ✓ Pass

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 116.0440, 60.6173, 17.5014 Background



This preview shows how black text looks on a background with the YUV color 116.0440, 60.6173, 17.5014.



This preview shows how white text looks on a background with the YUV color 116.0440, 60.6173,

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

116.0440, 60.6173, 17.5014

Protanopia

92.7620, 71.1093, -81.3523

Deuteranopia

93.3370, 55.5429, -81.8565



Tritanopia

115.6340, 5.1104, -5.8180

Trichromacy



Original Color

116.0440, 60.6173, 17.5014

Protanomaly

101.0700, 67.5065, -45.6654

Deuteranomaly

101.7250, 57.3236, -46.2398

Tritanomaly

115.6670, 25.3072, 2.9230

Monochromacy



Original Color

116.0440, 60.6173, 17.5014

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1790, 22.0968, 5.9820

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0440, 60.6173, 17.5014 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(136, 82, 239)` looks like.

```
.text, #text, p{  
  color:rgb(136, 82, 239)  
}
```

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(136, 82, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 82, 239) }
```

Border

The CSS property to change the border of an element to YUV 116.0440, 60.6173, 17.5014 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(136, 82, 239) }
```


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

```
.border{ border-color:rgb(136, 82, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 82, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 82, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 82, 239);  
box-shadow:4px 4px 4px 4px rgb(136, 82,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 116.0440, 60.6173, 17.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 82, 239) }
```

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

```
.background{ background-color: rgb(136, 82,  
239) }
```

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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