

Converting Colors

YUV(116.7840, 4.5435, 36.1464)

Have a look what the booklet for
YUV(116.7840, 4.5435, 36.1464)
contains.

YUV(116.7840, 4.5435, 36.1464)	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(116.7840, 4.5435,
36.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5E7E
RGB	158, 94, 126
RGB Percent	62%, 37%, 49%
CMY	0.3804, 0.6314, 0.5059
CMYK	0.00, 0.41, 0.20, 0.38
HSL	330°, 25%, 49%
HSV	330°, 41%, 62%
XYZ	21.8692, 16.7809, 21.8251
YIQ	116.7840, 27.8720, 23.5200

Conversions

Conversions Part 2

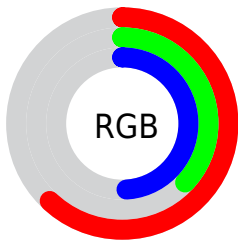
Format	Color
R_{YB}	158, 94, 126
Decimal	10378878
CIE _{Lab}	47.98, 30.60, -6.73
CIE _{LCh}	48, 31.330, 347.591
Yxy	16.7809, 0.3616, 0.2775
Android (android.graphics.Color)	4288568958 (0xFF9E5E7E)
YUV	116.7840, 4.5435, 36.1464
Hunter-Lab	40.9645, 23.6056, -2.9134

Details

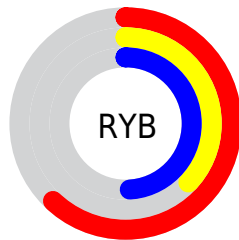
The YUV color **116.7840, 4.5435, 36.1464** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.2160, -4.5435, -36.1464**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0940, 4.3907, 38.5056**, and **67.1750, 4.8437, 33.1725** is the 20% darker color. If you saturate the color by 10%, you get **106.4800, 5.6794, 45.1830**, and if you desaturate by 10%, it is **127.0880, 3.4076, 27.1098**.

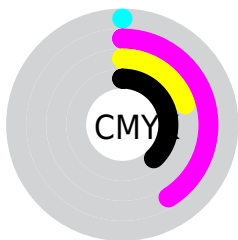
Distribution



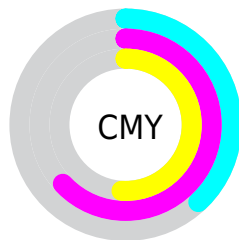
- Red (62%)
- Green (37%)
- Blue (49%)



- Red (62%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.7840, 4.5435, 36.1464 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 116.7840, 4.5435, 36.1464 by changing the saturation by 10% instead.

 116.7840, 4.5435,
36.1464

 116.7840, 4.5435,
36.1464

255.0000, 0.0000,
0.0000


 91.1860, 4.8383,
34.9169

 170.0940, 4.3907,
38.5056

 67.1750, 4.8437,
33.1725


 197.6920, 4.0958,
39.7351

 42.9900, 5.4279,
32.4578

 220.3210, 6.7437,
30.4135

 20.2070, 6.3069,
30.5135

 239.7380, 7.5242,
13.3848

 11.1920, -1.0807,
20.0026

 0.0000, 0.0000,
0.0000

■ 116.7840, 4.5435,
36.1464

■ 116.7840, 4.5435,
36.1464

■ 106.4800, 5.6794,
45.1830

■ 127.0880, 3.4076,
27.1098

■ 96.1760, 6.8152,
54.2196

■ 137.3920, 2.2717,
18.0732

■ 86.4590, 7.6617,
62.7415

■ 147.1090, 1.4253,
9.5514

■ 76.1550, 8.7976,
71.7781

■ 157.4130, 0.2894,
0.5148

■ 65.9650, 10.3703,
80.7147

■ 167.7170, -0.8465,
-8.5218

■ 56.2480, 11.2167,
89.2365

■ 177.9070, -2.4192,
-17.4584

■ 188.2110, -3.5550,
-26.4950

■ 197.9280, -4.4015,

-35.0169

 208.2320, -5.5374,
-44.0535

Harmonies

Analogous

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



117.0510, 16.2439, 16.6183



116.7840, 4.5435, 36.1464



115.2120, -7.9925, 43.6641

Triad

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



116.7840, 4.5435, 36.1464



110.1320, -23.7291, 4.2692



90.7030, 30.2194, -79.5465

Complementary

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



116.7840, 4.5435, 36.1464



135.2160, -4.5435, -36.1464

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.



89.8420, 19.3049, -78.7914



116.7840, 4.5435, 36.1464



106.9810, -14.7806, -19.2773

Square

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



116.7840, 4.5435, 36.1464



112.9110, -25.0991, 23.7571



100.5290, 0.7252, -46.0679



104.2000, 29.9744, -47.5334

Rectangle

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



116.7840, 4.5435, 36.1464



114.8390, -15.6966, 41.3602



100.5290, 0.7252, -46.0679



91.0790, 26.5831, -79.8763

Sweetspot

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



116.7840, 4.5435, 36.1464



190.8430, 1.5564, 14.1697



110.8640, 23.2380, 13.2743



95.2830, 0.8465, 8.5218



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.7840, 4.5435, 36.1464



141.3120, 7.2412, 57.6084



113.1360, -9.4340, 39.3457



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Inverse Universe

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



116.7840, 4.5435, 36.1464



141.3120, 7.2412, 57.6084



138.8640, 9.4340, -39.3457



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 116.7840, 4.5435, 36.1464 looks on a white background.

Color Contrast Check

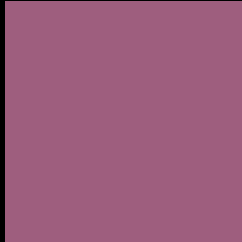
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.7840, 4.5435, 36.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

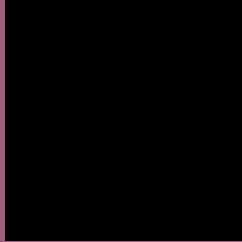
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.7840, 4.5435, 36.1464 Background



This preview shows how black text looks on a background with the YUV color 116.7840, 4.5435, 36.1464.



This preview shows how white text looks on a background with the YUV color 116.7840, 4.5435,

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

116.7840, 4.5435, 36.1464

Protanopia

114.7680, 11.9464, -5.0585

Deuteranopia

115.3580, 3.7675, 4.9480



Tritanopia

116.1400, -5.4920, 34.9572

Trichromacy



Original Color

116.7840, 4.5435, 36.1464

Protanomaly

115.4710, 9.1348, 10.1109

Deuteranomaly

115.8370, 4.0244, 15.9290

Tritanomaly

116.7640, -1.8557, 35.2870

Monochromacy



Original Color

116.7840, 4.5435, 36.1464

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7840, 4.5435, 36.1464 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(158, 94, 126)` looks like.

```
.text, #text, p{  
    color:rgb(158, 94, 126)  
}
```

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(158, 94, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 94, 126) }
```

Border

The CSS property to change the border of an element to YUV 116.7840, 4.5435, 36.1464 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(158, 94, 126) }
```


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

```
.border{ border-color:rgb(158, 94, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 94, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 94, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 94, 126);  
box-shadow:4px 4px 4px 4px rgb(158, 94,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 116.7840, 4.5435, 36.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 94, 126) }
```

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

```
.background{ background-color: rgb(158, 94,  
126) }
```

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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