

Converting Colors

YUV(117.9360, 17.2866, 8.8261)

Have a look what the booklet for
YUV(117.9360, 17.2866, 8.8261)
contains.

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Color

**YUV(117.9360, 17.2866,
8.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	806A99
RGB	128, 106, 153
RGB Percent	50%, 42%, 60%
CMY	0.4980, 0.5843, 0.4000
CMYK	0.16, 0.31, 0.00, 0.40
HSL	268°, 19%, 51%
HSV	268°, 31%, 60%
XYZ	19.8059, 17.1972, 32.4125
YIQ	117.9360, -1.9750, 19.2810

Conversions

Conversions Part 2

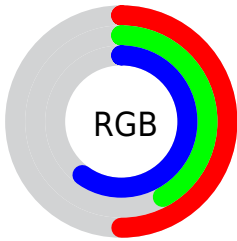
Format	Color
RYB	128, 106, 153
Decimal	8415897
CIELab	48.51, 18.38, -22.32
CIELCh	49, 28.915, 309.470
Yxy	17.1972, 0.2853, 0.2477
Android (android.graphics.Color)	4286605977 (0xFF806A99)
YUV	117.9360, 17.2866, 8.8261
Hunter-Lab	41.4695, 12.6803, -17.3124

Details

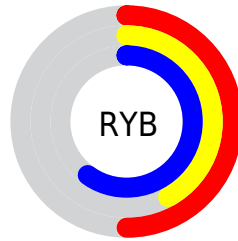
The YUV color $[117.9360, 17.2866, 8.8261]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[141.0640, -17.2866, -8.8261]$, and the grayscale version is $[118.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[169.8760, 18.3021, 9.7557]$, and $[68.9960, 16.2710, 7.8965]$ is the 20% darker color. If you saturate the color by 10%, you get $[106.7390, 22.8067, 11.6299]$, and if you desaturate by 10%, it is $[129.1330, 11.7664, 6.0224]$.

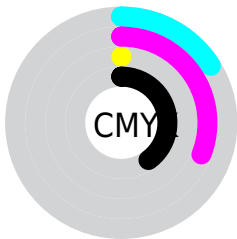
Distribution



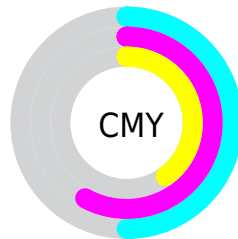
- Red (50%)
- Green (42%)
- Blue (60%)



- Red (50%)
- Yellow (42%)
- Blue (60%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9360, 17.2866, 8.8261 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 117.9360, 17.2866, 8.8261 by changing the saturation by 10% instead.

■ 117.9360, 17.2866,
8.8261

■ 117.9360, 17.2866,
8.8261

■ 255.0000, 0.0000,
0.0000

■ 93.4090, 16.5604,
8.4113

■ 169.8760, 18.3021,
9.7557

■ 68.9960, 16.2710,
7.8965

■ 197.4030, 19.0283,
10.1706

■ 46.7570, 15.4028,
6.3521

■ 224.6760, 14.9497,
11.6851

■ 25.2300, 14.6766,
5.9373

■ 246.7820, 4.0515,
7.2072

■ 5.8550, 13.3825,
1.0042

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 117.9360, 17.2866,
8.8261

■ 117.9360, 17.2866,
8.8261

■ 106.7390, 22.8067,
11.6299

■ 129.1330, 11.7664,
6.0224

■ 94.9550, 28.6162,
14.9485

■ 140.9170, 5.9569,
2.7038

■ 83.7580, 34.1363,
17.7522

■ 152.1140, 0.4368,
-0.1000

■ 72.2620, 39.8038,
19.9412

■ 163.6100, -5.2307,
-2.2890

■ 61.0650, 45.3240,
22.7450

■ 175.3940,
-11.0402, -5.6075

■ 49.2810, 51.1335,
26.0636

■ 186.5910,
-16.5604, -8.4113

■ 38.9700, 56.2168,
28.9673

■ 197.7880,
-22.0805, -11.2151

■ 208.9850,
-27.6006, -14.0188

■ 220.7690,
-33.4101, -17.3374

Harmonies

Analogous

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



113.5950, 24.3567, -18.9388



117.9360, 17.2866, 8.8261



118.1360, 7.3280, 29.6987

Triad

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



117.9360, 17.2866, 8.8261



114.7310, -22.0524, 26.5459



97.7150, 11.9725, -60.2631

Complementary

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



117.9360, 17.2866, 8.8261



141.0640, -17.2866, -8.8261

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.



105.3410, -4.1121, -34.5021



117.9360, 17.2866, 8.8261



112.6920, -23.0192, 9.9171

Square

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



117.9360, 17.2866, 8.8261



115.9310, -15.2490, 37.7715



109.9820, -16.2601, -11.3852



91.0790, 26.5831, -79.8763

Rectangle

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



117.9360, 17.2866, 8.8261



117.8290, -0.4087, 37.8610



109.9820, -16.2601, -11.3852



100.9890, 6.4144, -50.8564

Sweetspot

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



117.9360, 17.2866, 8.8261



185.4440, 6.6831, 3.1186



126.0330, 13.2947, -17.5689



91.6350, 3.6309, 2.0741



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.9360, 17.2866, 8.8261



143.9010, 27.1638, 14.1188



124.8130, 13.8962, 22.9660



70.8090, 3.0522, 1.0445



35.6940, 51.4229, 26.5784



3.2760, 4.7939, 2.3889

Inverse Universe

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



122.9030, 3.9918, 26.3951



151.5720, 6.1270, 41.5944



134.1870, -13.8962, -22.9660



71.8480, 0.5679, 4.5183



50.4100, 12.1229, 78.5704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 117.9360, 17.2866, 8.8261 looks on a white background.

Color Contrast Check

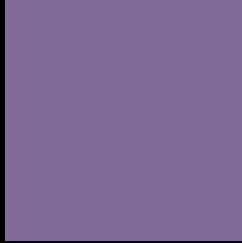
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9360, 17.2866, 8.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

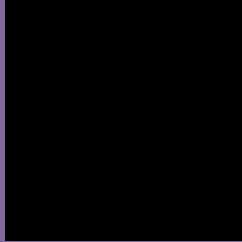
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.9360, 17.2866, 8.8261

Background



This preview shows how black text looks on a background with the YUV color 117.9360, 17.2866, 8.8261.



This preview shows how white text looks on a background with the YUV color 117.9360, 17.2866, 8.8261.

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

117.9360, 17.2866, 8.8261

Protanopia

115.5420, 21.4248, -11.8763

Deuteranopia

115.6520, 17.9196, -7.5878



Tritanopia

116.3150, 2.3097, 5.8627

Trichromacy



Original Color

117.9360, 17.2866, 8.8261

Protanomaly

116.2440, 20.0927, -4.5990

Deuteranomaly

116.2830, 17.6085, -1.1252

Tritanomaly

117.1070, 7.8352, 6.9222

Monochromacy



Original Color

117.9360, 17.2866, 8.8261

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3300, 6.2463, 3.2186

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9360, 17.2866, 8.8261 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(128, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 153)  
}
```

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(128, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 153) }
```

Border

The CSS property to change the border of an element to YUV 117.9360, 17.2866, 8.8261 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(128, 106, 153) }
```


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

```
.border{ border-color:rgb(128, 106, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 117.9360, 17.2866, 8.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 153) }
```

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

```
.background{ background-color: rgb(128,  
106, 153) }
```

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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