

Converting Colors

YUV(106.4860, 16.5224,
20.6218)

Have a look what the booklet for
YUV(106.4860, 16.5224, 20.6218)
contains.

YUV(106.4860, 16.5224, 20.6218)	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(106.4860, 16.5224,
20.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	82588C
RGB	130, 88, 140
RGB Percent	51%, 35%, 55%
CMY	0.4902, 0.6549, 0.4510
CMYK	0.07, 0.37, 0.00, 0.45
HSL	288°, 23%, 45%
HSV	288°, 37%, 55%
XYZ	17.4293, 13.6187, 26.5210
YIQ	106.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

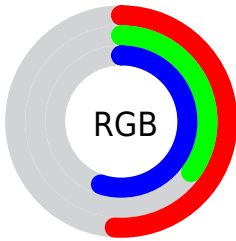
Format	Color
R _Y B	130, 88, 140
Decimal	8542348
CIE Lab	43.68, 26.82, -22.00
CIE LCh	44, 34.690, 320.631
Yxy	13.6187, 0.3028, 0.2366
Android (android.graphics.Color)	4286732428 (0xFF82588C)
YUV	106.4860, 16.5224, 20.6218
Hunter-Lab	36.9036, 19.7230, -16.7767

Details

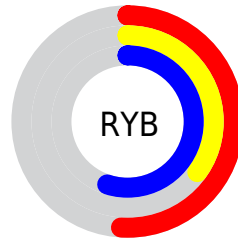
The YUV color **106.4860, 16.5224, 20.6218** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.5140, -16.5224, -20.6218**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7250, 17.3906, 22.1662**, and **57.9480, 15.8016, 18.4626** is the 20% darker color. If you saturate the color by 10%, you get **97.3710, 21.0161, 25.9846**, and if you desaturate by 10%, it is **115.6010, 12.0287, 15.2589**.

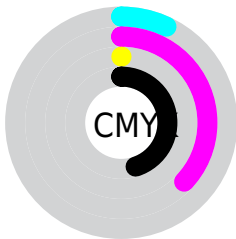
Distribution



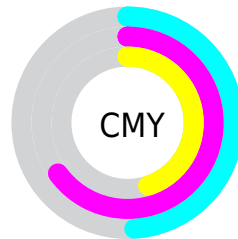
- Red (51%)
- Green (35%)
- Blue (55%)



- Red (51%)
- Yellow (35%)
- Blue (55%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4860, 16.5224, 20.6218 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 106.4860, 16.5224, 20.6218 by changing the saturation by 10% instead.

■ 106.4860, 16.5224,
20.6218

■ 106.4860, 16.5224,
20.6218

■ 255.0000, 0.0000,
0.0000

■ 81.6600, 15.9436,
19.5922

■ 158.7250, 17.3906,
22.1662

■ 57.9480, 15.8016,
18.4626

■ 185.5510, 17.9694,
23.1958

■ 35.4210, 15.0754,
18.0478

■ 213.5510, 17.9694,
23.1958

■ 15.1820, 14.2073,
16.5034

■ 235.0420, 9.8393,
17.5032

■ 3.0950, 9.3202,
-2.7143

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

106.4860, 16.5224,
20.6218

106.4860, 16.5224,
20.6218

97.3710, 21.0161,
25.9846

115.6010, 12.0287,
15.2589

88.5550, 25.3624,
31.9623

124.4170, 7.6824,
9.2813

79.4400, 29.8561,
37.3251

133.5320, 3.1887,
3.9184

70.3250, 34.3498,
42.6880

142.6470, -1.3050,
-1.4444

61.5090, 38.6961,
48.6656

151.4630, -5.6513,
-7.4221

52.3940, 43.1898,
54.0285


160.5780,
-10.1450, -12.7849

49.7470, 44.4947,
55.4729

169.6930,
-14.6386, -18.1478

178.8080,

-19.1323, -23.5106

 187.6240,
-23.4786, -29.4882

Harmonies

Analogous

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



103.2200, 26.5135, -10.7169



106.4860, 16.5224, 20.6218



105.2900, 3.8010, 40.9647

Triad

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



106.4860, 16.5224, 20.6218



100.9280, -27.5725, 23.7421



83.2880, 19.5780, -73.0436

Complementary

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



106.4860, 16.5224, 20.6218



121.5140, -16.5224, -20.6218

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.



80.7760, 6.0264, -66.4556



106.4860, 16.5224, 20.6218



98.9530, -25.6128, 1.7952

Square

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



106.4860, 16.5224, 20.6218



102.7480, -21.0748, 39.6860



94.3610, -14.4750, -23.9956



84.2630, 30.9293, -73.8987

Rectangle

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



106.4860, 16.5224, 20.6218



104.0320, -4.9458, 46.4529



94.3610, -14.4750, -23.9956



82.1480, 15.2100, -72.0438

Sweetspot

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



106.4860, 16.5224, 20.6218



168.0640, 6.3774, 7.8369



99.7980, 19.8196, -10.3468



84.3580, 3.7675, 4.9480



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



106.4860, 16.5224, 20.6218



128.6690, 25.7992, 31.8623



107.6520, 8.0596, 28.3692



64.5920, 2.1731, 2.9888



47.1550, 42.3216, 52.4841



1.7660, 1.5944, 1.9592

Inverse Universe

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



104.6880, -3.2972, 30.9686



125.9290, -5.3880, 48.2973



120.3480, -8.0596, -28.3692



64.2070, -0.5951, 4.2035



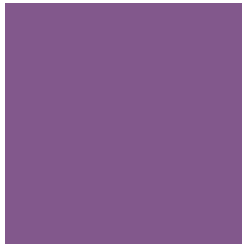
42.6170, -8.6852, 79.2659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 106.4860, 16.5224, 20.6218 looks on a white background.

Color Contrast Check

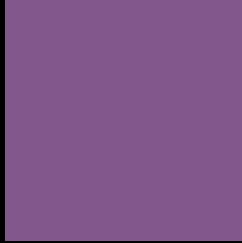
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.4860, 16.5224, 20.6218 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 106.4860, 16.5224, 20.6218

Background



This preview shows how black text looks on a background with the YUV color 106.4860, 16.5224, 20.6218.



This preview shows how white text looks on a background with the YUV color 106.4860, 16.5224,

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

106.4860, 16.5224, 20.6218

Protanopia

103.1010, 23.6142, -14.1206

Deuteranopia

103.8970, 16.3198, -7.8027



Tritanopia

105.4690, -1.2172, 17.1287

Trichromacy



Original Color

106.4860, 16.5224, 20.6218

Protanomaly

104.4940, 20.9555, -1.3102

Deuteranomaly

104.9630, 16.2872, 2.6634

Tritanomaly

105.7880, 5.0345, 18.6029

Monochromacy



Original Color

106.4860, 16.5224, 20.6218

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9500, 5.9407, 7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4860, 16.5224, 20.6218 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(130, 88, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 88, 140)  
}
```

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(130, 88, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 88, 140) }
```

Border

The CSS property to change the border of an element to YUV 106.4860, 16.5224, 20.6218 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(130, 88, 140) }
```


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

```
.border{ border-color:rgb(130, 88, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 88, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 88, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 88, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 88,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 106.4860, 16.5224, 20.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 88, 140) }
```

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

```
.background{ background-color: rgb(130, 88,  
140) }
```

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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