

Converting Colors

YUV(118.2860, 23.0300,
-13.4058)

Have a look what the booklet for
YUV(118.2860, 23.0300, -13.4058)
contains.

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Color

**YUV(118.2860, 23.0300,
-13.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	6775A5
RGB	103, 117, 165
RGB Percent	40%, 46%, 65%
CMY	0.5961, 0.5412, 0.3529
CMYK	0.38, 0.29, 0.00, 0.35
HSL	226°, 26%, 53%
HSV	226°, 38%, 65%
XYZ	18.7463, 18.3228, 38.1459
YIQ	118.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

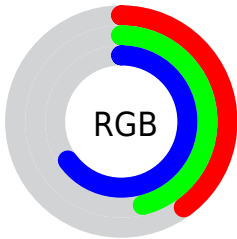
Format	Color
R _Y B	103, 114, 165
Decimal	6780325
CIE Lab	49.89, 7.06, -27.40
CIE LCh	50, 28.291, 284.448
Yxy	18.3228, 0.2492, 0.2436
Android (android.graphics.Color)	4284970405 (0xFF6775A5)
YUV	118.2860, 23.0300, -13.4058
Hunter-Lab	42.8051, 3.2645, -22.8729

Details

The YUV color **118.2860, 23.0300, -13.4058** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.7140, -23.0300, 13.4058**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9270, 24.1930, -13.0910**, and **68.9330, 21.7250, -14.8502** is the 20% darker color. If you saturate the color by 10%, you get **105.5720, 29.2980, -17.1646**, and if you desaturate by 10%, it is **130.7010, 16.9094, -10.2618**.

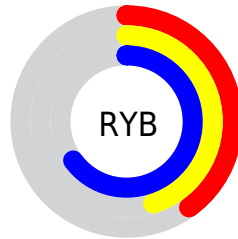
Distribution



Red (40%)

Green (46%)

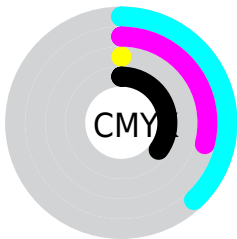
Blue (65%)



Red (40%)

Yellow (45%)

Blue (65%)

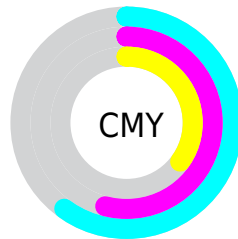


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2860, 23.0300, -13.4058 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 118.2860, 23.0300, -13.4058 by changing the saturation by 10% instead.

■ 118.2860, 23.0300,
-13.4058

■ 118.2860, 23.0300,
-13.4058

■ 255.0000, 0.0000,
0.0000

■ 92.8730, 22.7406,
-13.9206

■ 170.9270, 24.1930,
-13.0910

■ 68.9330, 21.7250,
-14.8502

■ 198.1550, 25.0666,
-13.2909

■ 45.3950, 21.0043,
-17.0094

■ 223.9460, 15.3096,
-10.4766

■ 23.2590, 20.5783,
-20.3981

■ 249.3410, 2.7899,
-8.1921

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 118.2860, 23.0300,
-13.4058

■ 118.2860, 23.0300,
-13.4058

■ 105.5720, 29.2980,
-17.1646

■ 130.7010, 16.9094,
-10.2618

■ 93.1570, 35.4186,
-20.3087

■ 143.4150, 10.6414,
-6.5030

■ 81.0300, 41.3972,
-24.5823

■ 155.2430, 4.8102,
-2.8441

■ 68.6150, 47.5178,
-27.7264

■ 167.9570, -1.4578,
0.9147

■ 56.2000, 53.6384,
-30.8704

■ 180.6710, -7.7258,
4.6735

■ 43.4860, 59.9064,
-34.6292

■ 193.0860,
-13.8464, 7.8176

■ 40.5290, 61.3642,
-35.5439

■ 204.9140,
-19.6776, 11.4764

■ 217.6280,
-25.9456, 15.2352

■ 230.0430,
-32.0662, 18.3793

Harmonies

Analogous

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



110.9080, 26.1744, -42.0153



118.2860, 23.0300, -13.4058



121.5020, 15.5285, 12.7147

Triad

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



118.2860, 23.0300, -13.4058



119.5780, -16.5540, 36.3271



108.6010, -1.7753, -37.3611

Complementary

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



118.2860, 23.0300, -13.4058



149.7140, -23.0300, 13.4058

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.



112.8290, -14.2127, -14.7590



118.2860, 23.0300, -13.4058



118.3070, -22.3364, 24.2868

Square

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



118.2860, 23.0300, -13.4058



120.6460, -6.2345, 39.7755



115.8980, -22.1347, 6.2285



102.1710, 13.7197, -60.6630

Rectangle

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



118.2860, 23.0300, -13.4058



121.8690, 8.9386, 26.4249



115.8980, -22.1347, 6.2285



110.0920, -6.4544, -29.8987

Sweetspot

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



118.2860, 23.0300, -13.4058



196.5570, 8.5994, -4.8735



144.8660, 3.0241, -36.7165



96.3570, 5.2470, -2.9441



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.2860, 23.0300, -13.4058



141.8580, 35.5660, -20.9235



115.1510, 24.5756, 4.2526



75.2000, 3.3524, -1.9294



35.9010, 53.7858, -31.4852



4.4000, 6.7048, -3.8588

Inverse Universe

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



123.1340, -3.0241, 36.7165



149.2120, -4.5415, 56.8191



152.8490, -24.5756, -4.2526



75.9190, -0.4531, 5.3330



47.1170, -6.9597, 85.8434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 118.2860, 23.0300, -13.4058 looks on a white background.

Color Contrast Check

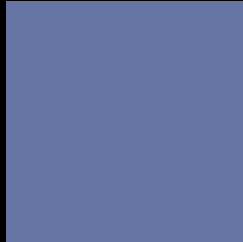
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2860, 23.0300, -13.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

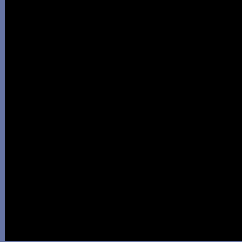
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

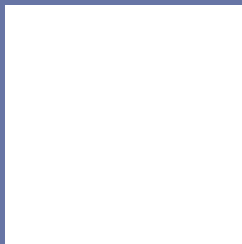
Any Text WCAG AAA × Fail

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

YUV 118.2860, 23.0300, -13.4058 Background



This preview shows how black text looks on a background with the YUV color 118.2860, 23.0300, -13.4058.



This preview shows how white text looks on a background with the YUV color 118.2860, 23.0300, -13.4058.

-13.4058.

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

118.2860, 23.0300, -13.4058

Protanopia

118.5850, 22.8826, -12.7910

Deuteranopia

118.2860, 23.0300, -13.4058



Tritanopia

115.7680, 8.4954, -18.2135

Trichromacy



Original Color

118.2860, 23.0300, -13.4058

Protanomaly

118.5850, 22.8826, -12.7910

Deuteranomaly

118.2860, 23.0300, -13.4058

Tritanomaly

116.8590, 13.8735, -16.5393

Monochromacy



Original Color

118.2860, 23.0300, -13.4058

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.4430, 8.1626, -4.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2860, 23.0300, -13.4058 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(103, 117, 165)` looks like.

```
.text, #text, p{  
    color:rgb(103, 117, 165)  
}
```

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(103, 117, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 117, 165) }
```

Border

The CSS property to change the border of an element to YUV 118.2860, 23.0300, -13.4058 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(103, 117, 165) }
```


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

```
.border{ border-color:rgb(103, 117, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 117, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 117, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 117, 165);  
box-shadow:4px 4px 4px 4px rgb(103, 117,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 118.2860, 23.0300, -13.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 117, 165) }
```

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

```
.background{ background-color: rgb(103,  
117, 165) }
```

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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