

Converting Colors

YUV(128.5860, 31.7561,
34.5661)

Have a look what the booklet for
YUV(128.5860, 31.7561, 34.5661)
contains.

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Color

**YUV(128.5860, 31.7561,
34.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	A860C1
RGB	168, 96, 193
RGB Percent	66%, 38%, 76%
CMY	0.3412, 0.6235, 0.2431
CMYK	0.13, 0.50, 0.00, 0.24
HSL	285°, 44%, 57%
HSV	285°, 50%, 76%
XYZ	29.9570, 20.5408, 52.8379
YIQ	128.5860, 11.7750, 45.4310

Conversions

Conversions Part 2

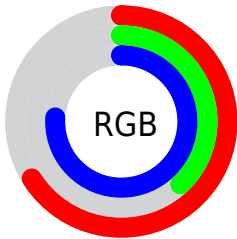
Format	Color
R _Y B	168, 96, 193
Decimal	11034817
CIE _{Lab}	52.44, 45.26, -39.16
CIE _{LCh}	52, 59.846, 319.130
Yxy	20.5408, 0.2899, 0.1988
Android (android.graphics.Color)	4289224897 (0xFFA860C1)
YUV	128.5860, 31.7561, 34.5661
Hunter-Lab	45.3220, 38.6716, -37.3969

Details

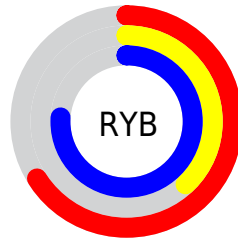
The YUV color $128.5860, 31.7561, 34.5661$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $160.4140, -31.7561, -34.5661$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.2380, 32.9137, 36.6253$, and $76.3470, 30.8879, 33.0217$ is the 20% darker color. If you saturate the color by 10%, you get $115.9380, 37.9916, 41.2734$, and if you desaturate by 10%, it is $141.2340, 25.5206, 27.8588$.

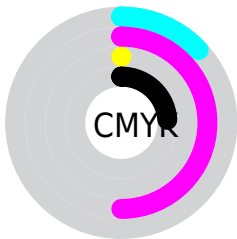
Distribution



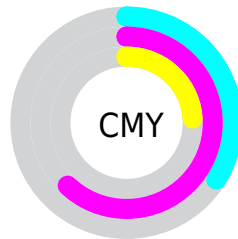
- Red (66%)
- Green (38%)
- Blue (76%)



- Red (66%)
- Yellow (38%)
- Blue (76%)



- Cyan (13%)
- Magenta (50%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5860, 31.7561, 34.5661 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 128.5860, 31.7561, 34.5661 by changing the saturation by 10% instead.

128.5860, 31.7561,
34.5661

128.5860, 31.7561,
34.5661

255.0000, 0.0000,
0.0000

101.8740, 31.6141,
33.4365

183.2380, 32.9137,
36.6253

76.3470, 30.8879,
33.0217

208.3280, 23.0093,
40.0543

48.8740, 31.6141,
33.4365

225.0630, 14.7589,
26.2547

28.2710, 29.4464,
28.7033

242.0860, 6.3666,
11.3256

18.6580, 22.3536,
16.9629

4.6740, 17.9087,
-4.0991

2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 128.5860, 31.7561,
34.5661

■ 128.5860, 31.7561,
34.5661

■ 115.9380, 37.9916,
41.2734

■ 141.2340, 25.5206,
27.8588

■ 102.7030, 44.5164,
48.4955

■ 154.4690, 18.9958,
20.6367

■ 90.0550, 50.7519,
55.2028

■ 167.1170, 12.7603,
13.9294

■ 77.4070, 56.9873,
61.9101

■ 179.7650, 6.5249,
7.2221

■ 64.7590, 63.2228,
68.6174

■ 193.0000, 0.0000,
0.0000

■ 205.6480, -6.2355,
-6.7073

■ 218.2960,
-12.4709, -13.4146

■ 230.9440,
-18.7064, -20.1219

■ 235.3740,
-20.8904, -19.6220

Harmonies

Analogous

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



120.6900, 50.4388, -31.3001



128.5860, 31.7561, 34.5661



122.8610, 11.4075, 74.6669

Triad

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



128.5860, 31.7561, 34.5661



117.5410, -57.4547, 41.6215



105.3610, 25.4580, -92.4016

Complementary

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



128.5860, 31.7561, 34.5661



160.4140, -31.7561, -34.5661

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.



98.7320, 2.5971, -86.5880



128.5860, 31.7561, 34.5661



113.7660, -55.5936, 4.5902

Square

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



128.5860, 31.7561, 34.5661



120.4500, -35.7178, 69.7654



105.5310, -25.8978, -46.9467



108.7300, 45.9821, -95.3562

Rectangle

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



128.5860, 31.7561, 34.5661



119.9150, -3.9021, 85.1435



105.5310, -25.8978, -46.9467



103.4230, 18.0325, -90.7020

Sweetspot

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



128.5860, 31.7561, 34.5661



224.7040, 12.4709, 13.4146



122.3200, 34.8452, -23.0826



109.7050, 7.5404, 8.1517



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



128.5860, 31.7561, 34.5661



150.2890, 49.1575, 53.2435



133.4390, 18.0246, 52.2350



90.2330, 3.3361, 3.3037



53.9350, 52.7830, 57.0620



11.2370, 10.7292, 12.0702

Inverse Universe

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



127.8530, -3.3785, 57.1339



149.2960, -5.0759, 88.3174



155.5610, -18.0246, -52.2350



90.3320, -0.1637, 5.8478



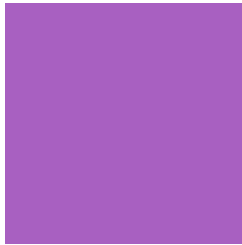
52.8130, -5.8238, 94.8800



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 128.5860, 31.7561, 34.5661 looks on a white background.

Color Contrast Check

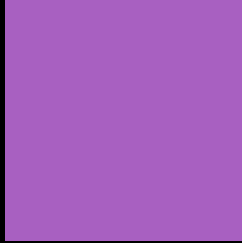
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.5860, 31.7561, 34.5661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

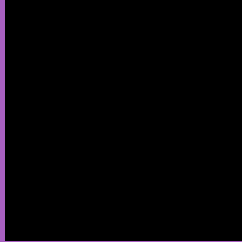
Any Text WCAG AA ✓ Pass

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 128.5860, 31.7561, 34.5661 Background



This preview shows how black text looks on a background with the YUV color 128.5860, 31.7561, 34.5661.



This preview shows how white text looks on a background with the YUV color 128.5860, 31.7561, 34.5661.

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

128.5860, 31.7561, 34.5661

Protanopia

121.4680, 47.0973, -32.8594

Deuteranopia

123.8100, 31.6457, -23.5124



Tritanopia

127.4810, -2.7021, 26.7652

Trichromacy



Original Color

128.5860, 31.7561, 34.5661

Protanomaly

124.4280, 41.2010, -8.2684

Deuteranomaly

125.3550, 31.8700, -2.0653

Tritanomaly

128.1190, 9.8013, 29.7136

Monochromacy



Original Color

128.5860, 31.7561, 34.5661

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7640, 11.4553, 12.4850

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5860, 31.7561, 34.5661 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(168, 96, 193)` looks like.

```
.text, #text, p{  
    color:rgb(168, 96, 193)  
}
```

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(168, 96, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 96, 193) }
```

Border

The CSS property to change the border of an element to YUV 128.5860, 31.7561, 34.5661 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(168, 96, 193) }
```


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

```
.border{ border-color:rgb(168, 96, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 96, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 96, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 96, 193);  
box-shadow:4px 4px 4px 4px rgb(168, 96,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 128.5860, 31.7561, 34.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 96, 193) }
```

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

```
.background{ background-color: rgb(168, 96,  
193) }
```

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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