

# Converting Colors

YUV(127.8780, 18.3011,  
-36.7270)

Have a look what the booklet for  
YUV(127.8780, 18.3011, -36.7270)  
contains.

<b>YUV(127.8780, 18.3011, -36.7270)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(127.8780, 18.3011,  
-36.7270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	568EA5
RGB	86, 142, 165
RGB Percent	34%, 56%, 65%
CMY	0.6627, 0.4431, 0.3529
CMYK	0.48, 0.14, 0.00, 0.35
HSL	197°, 31%, 49%
HSV	197°, 48%, 65%
XYZ	20.3023, 24.0410, 39.1677
YIQ	127.8780, -40.7590, -4.7190

# Conversions

## Conversions Part 2

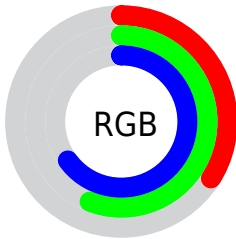
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 119, 165
Decimal	5672613
CIE Lab	56.13, -12.01, -17.88
CIE LCh	56, 21.541, 236.100
Yxy	24.0410, 0.2431, 0.2879
Android (android.graphics.Color)	4283862693 (0xFF568EA5)
YUV	127.8780, 18.3011, -36.7270
Hunter-Lab	49.0317, -11.8949, -13.0401

# Details

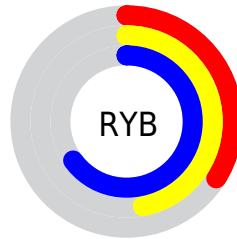
The YUV color **127.8780, 18.3011, -36.7270** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.1220, -18.3011, 36.7270**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9920, 18.7379, -36.8270**, and **75.5570, 18.4594, -40.8305** is the 20% darker color. If you saturate the color by 10%, you get **120.1590, 22.1066, -43.9894**, and if you desaturate by 10%, it is **135.8960, 14.3483, -28.8498**.

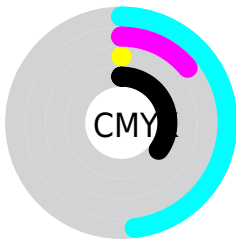
# Distribution



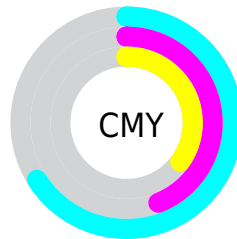
- Red (34%)
- Green (56%)
- Blue (65%)



- Red (34%)
- Yellow (47%)
- Blue (65%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (66%)
- Magenta (44%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.8780, 18.3011, -36.7270 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 127.8780, 18.3011, -36.7270 by changing the saturation by 10% instead.



■ 127.8780, 18.3011,  
-36.7270

■ 127.8780, 18.3011,  
-36.7270

■ 255.0000, 0.0000,  
0.0000

■ 101.5790, 18.4486,  
-37.3418

■ 181.9920, 18.7379,  
-36.8270

■ 75.5570, 18.4594,  
-40.8305

■ 210.1060, 19.1747,  
-36.9270

■ 50.0620, 19.1964,  
-43.9044

■ 235.5980, 9.5652,  
-34.7274

■ 34.4120, 15.0799,  
-30.1793

■ 246.0300, 4.4222,  
-18.4433

■ 20.1640, 11.2581,  
-17.6838

■ 254.7010, 0.1474,  
-0.6148

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 127.8780, 18.3011,  
-36.7270

■ 127.8780, 18.3011,  
-36.7270

■ 120.1590, 22.1066,  
-43.9894

■ 135.8960, 14.3483,  
-28.8498

■ 112.1410, 26.0595,  
-51.8667

■ 143.6150, 10.5428,  
-21.5874

■ 104.7100, 29.7230,  
-60.2587

■ 151.0460, 6.8793,  
-13.1953

■ 96.9910, 33.5284,  
-67.5211

■ 158.7650, 3.0739,  
-5.9329

■ 89.2720, 37.3339,  
-74.7835

■ 166.7830, -0.8790,  
1.9443

■ 87.4890, 38.2129,  
-76.7279

■ 174.5020, -4.6845,  
9.2067

■ 182.2210, -8.4900,  
16.4692

■ 189.6520,  
-12.1534, 24.8612

■ 197.6700,  
-16.1063, 32.7384

# Harmonies

## Analogous

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



125.8360, 11.9129, -41.0752



127.8780, 18.3011, -36.7270



132.2050, 19.1259, -21.2278

# Triad

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



127.8780, 18.3011, -36.7270



137.5890, 0.2026, 28.4244



131.6890, -15.1297, -0.6043

# Complementary

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



127.8780, 18.3011, -36.7270



123.1220, -18.3011, 36.7270

# 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.



133.6910, -18.0887, 15.1800



127.8780, 18.3011, -36.7270



136.6080, -8.6807, 31.0388

# Square

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



127.8780, 18.3011, -36.7270



137.8030, 8.9711, 15.9588



135.1530, -15.3584, 26.1758



129.4140, -8.0921, -17.9031



# Rectangle

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



127.8780, 18.3011, -36.7270



135.1250, 17.1934, -8.0026



135.1530, -15.3584, 26.1758



132.8530, -17.1825, 4.5139

# Sweetspot

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



127.8780, 18.3011, -36.7270



199.7470, 7.0267, -13.8101



134.8810, -13.2523, -42.8686



98.6830, 4.1003, -8.4920



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.



127.8780, 18.3011, -36.7270



156.9770, 28.1123, -56.9848



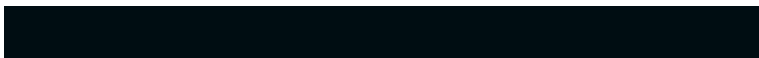
104.9850, 29.5874, -16.6498



77.5480, 2.1948, -3.9886



76.9910, 33.5284, -67.5211



9.6830, 4.1003, -8.4920



# Inverse Universe

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



116.0050, 12.8155, 42.9686



138.3960, 20.0178, 66.3047



146.0150, -29.5874, 16.6498



76.3750, 1.2941, 4.9331



55.0970, 23.6162, 78.8449



6.8640, 3.0250, 9.7663



# Previews

## White Background



This preview shows how the YUV color 127.8780, 18.3011, -36.7270 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 127.8780, 18.3011, -36.7270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

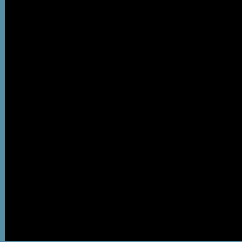
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.8780, 18.3011, -36.7270

## Background



This preview shows how black text looks on a background with the YUV color 127.8780, 18.3011, -36.7270.



This preview shows how white text looks on a background with the YUV color 127.8780, 18.3011, -36.7270.

-36.7270.

# 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

127.8780, 18.3011, -36.7270

### Protanopia

134.7680, 11.9464, -5.0585

### Deuteranopia

134.8050, 15.8721, -4.2140



## Tritanopia

127.0150, 13.7966, -38.6012

# Trichromacy



## Original Color

127.8780, 18.3011, -36.7270

## Protanomaly

131.9730, 14.3103, -16.6393

## Deuteranomaly

132.2550, 16.6363, -16.0096

## Tritanomaly

127.1830, 15.6858, -37.8715

# Monochromacy



## Original Color

127.8780, 18.3011, -36.7270

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.9320, 6.4425, -13.0954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.8780, 18.3011, -36.7270 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(86, 142, 165)` looks like.

```
.text, #text, p{  
    color:rgb(86, 142, 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(86, 142, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 142, 165) }
```

## Border

The CSS property to change the border of an element to YUV 127.8780, 18.3011, -36.7270 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(86, 142, 165) }
```



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

```
.border{ border-color:rgb(86, 142, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 142, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 142, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 142, 165);  
box-shadow:4px 4px 4px 4px rgb(86, 142,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 127.8780, 18.3011, -36.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 142, 165) }
```

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

```
.background{ background-color: rgb(86, 142,  
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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