

# Converting Colors

YUV(141.2020, -6.5086,  
-12.4552)

Have a look what the booklet for  
YUV(141.2020, -6.5086, -12.4552)  
contains.

<b>YUV(141.2020, -6.5086, -12.4552)</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(141.2020, -6.5086,  
-12.4552)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F9780
RGB	127, 151, 128
RGB Percent	50%, 59%, 50%
CMY	0.5020, 0.4078, 0.4980
CMYK	0.16, 0.00, 0.15, 0.41
HSL	122°, 10%, 55%
HSV	122°, 16%, 59%
XYZ	23.7153, 28.2038, 24.6160
YIQ	141.2020, -6.9210, -12.2410

# Conversions

## Conversions Part 2

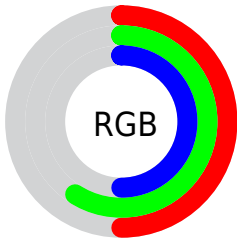
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 150, 151
Decimal	8361856
CIELab	60.07, -13.12, 9.32
CIElCh	60, 16.097, 144.614
Yxy	28.2038, 0.3099, 0.3685
Android (android.graphics.Color)	4286551936 (0xFF7F9780)
YUV	141.2020, -6.5086, -12.4552
Hunter-Lab	53.1072, -13.2276, 9.6932

# Details

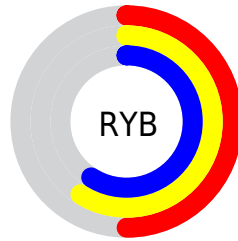
The YUV color  $141.2020, -6.5086, -12.4552$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $136.7980, 6.5086, 12.4552$ , and the grayscale version is  $141.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $194.7890, -6.7980, -12.9700$ , and  $91.0280, -5.9298, -11.4256$  is the 20% darker color. If you saturate the color by 10%, you get  $135.1210, -10.4127, -20.2771$ , and if you desaturate by 10%, it is  $147.2830, -2.6045, -4.6332$ .

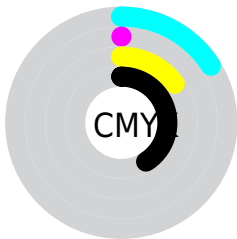
# Distribution



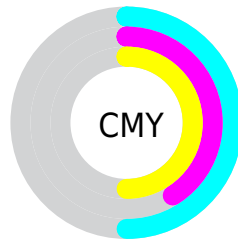
- Red (50%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.2020, -6.5086, -12.4552 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 141.2020, -6.5086, -12.4552 by changing the saturation by 10% instead.



■ 141.2020, -6.5086,  
-12.4552

■ 141.2020, -6.5086,  
-12.4552

255.0000, 0.0000,  
0.0000

■ 115.6150, -6.2192,  
-11.9404

■ 194.7890, -6.7980,  
-12.9700

■ 91.0280, -5.9298,  
-11.4256

■ 222.6750, -7.2348,  
-12.8700

■ 67.1420, -5.4930,  
-11.5255

■ 247.2670, -5.0616,  
-9.8812

■ 44.8540, -5.3510,  
-10.3960

■ 23.8540, -5.3510,  
-10.3960

■ 0.0000, 0.0000,  
0.0000

■ 141.2020, -6.5086,  
-12.4552

■ 141.2020, -6.5086,  
-12.4552

■ 135.1210,  
-10.4127, -20.2771

■ 147.2830, -2.6045,  
-4.6332

■ 128.9260,  
-14.7535, -27.9991

■ 153.4780, 1.7363,  
3.0888

■ 122.8450,  
-18.6576, -35.8211

■ 159.5590, 5.6404,  
10.9108

■ 116.6500,  
-22.9985, -43.5431

■ 165.7540, 9.9813,  
18.6327

■ 110.2700,  
-26.7551, -51.9798

■ 172.1340, 13.7379,  
27.0695

■ 104.0750,  
-31.0960, -59.7018

■ 178.3290, 18.0788,  
34.7915

■ 97.9940, -35.0000,  
-67.5237


■ 184.4100, 21.9829,  
42.6134


■ 91.7990, -39.3409,

■ 190.6050, 26.3237,

-75.2457

50.3354

 89.3210, -41.0773,  
-78.3345

 193.9520, 30.0967,  
53.5391

# Harmonies

## Analogous

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



142.6120, -11.6407, 0.3403



141.2020, -6.5086, -12.4552



139.7860, 1.0915, -23.4913

# Triad

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



141.2020, -6.5086, -12.4552



143.3860, 14.5997, -16.1245



146.5470, -6.1857, 24.0763

# Complementary

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



141.2020, -6.5086, -12.4552



136.7980, 6.5086, 12.4552

# 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.



147.5450, 0.2243, 21.4470



141.2020, -6.5086, -12.4552



145.7900, 11.9355, -1.5698

# Square

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



141.2020, -6.5086, -12.4552



140.8640, 12.8850, -26.1907



147.4990, 6.6560, 11.8404



145.7440, -11.7058, 21.2725



# Rectangle

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



141.2020, -6.5086, -12.4552



139.3170, 5.7597, -27.4650



147.4990, 6.6560, 11.8404



147.0030, -4.4385, 23.6764

# Sweetspot

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



141.2020, -6.5086, -12.4552



192.2830, -2.6045, -4.6332



147.9650, -10.3357, 1.7847



96.6360, -1.2995, -3.1888



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.



141.2020, -6.5086, -12.4552



180.9470, -9.8339, -19.2475



142.5700, -1.2670, -13.6549



73.6960, -2.3151, -4.1184



82.8640, -37.8940, -72.6717



7.7450, -3.3253, -6.7924



# Inverse Universe

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



136.7980, 6.5086, 12.4552



174.1670, 10.2707, 19.1475



135.4300, 1.2670, 13.6549



72.1900, 1.8783, 4.2184



57.1360, 37.8940, 72.6717



5.2550, 3.3253, 6.7924



# Previews

## White Background



This preview shows how the YUV color 141.2020, -6.5086, -12.4552 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 141.2020, -6.5086, -12.4552 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 141.2020, -6.5086, -12.4552 Background



This preview shows how black text looks on a background with the YUV color 141.2020, -6.5086, -12.4552.



This preview shows how white text looks on a background with the YUV color 141.2020, -6.5086,

-12.4552.

# 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

141.2020, -6.5086, -12.4552

### Protanopia

144.1120, -9.9152, 6.9178

### Deuteranopia

145.4490, -7.6164, 16.2692



## Tritanopia

143.7690, 7.0159, -10.3214

# Trichromacy



## Original Color

141.2020, -6.5086, -12.4552

## Protanomaly

143.2960, -9.0199, -0.2596

## Deuteranomaly

143.7960, -7.2944, 6.3179

## Tritanomaly

142.5040, 2.2165, -10.9660

# Monochromacy



## Original Color

141.2020, -6.5086, -12.4552

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

141.2830, -2.6045, -4.6332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.2020, -6.5086, -12.4552 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(127, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 128)  
}
```

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(127, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 128) }
```

## Border

The CSS property to change the border of an element to YUV 141.2020, -6.5086, -12.4552 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(127, 151, 128) }
```



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

```
.border{ border-color:rgb(127, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 141.2020, -6.5086, -12.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 128) }
```

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

```
.background{ background-color: rgb(127,  
151, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor