

Converting Colors

YUV(185.6250, 12.0169,
-27.7351)

Have a look what the booklet for
YUV(185.6250, 12.0169, -27.7351)
contains.

YUV(185.6250, 12.0169, -27.7351)	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(185.6250, 12.0169,
-27.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC5D2
RGB	154, 197, 210
RGB Percent	60%, 77%, 82%
CMY	0.3961, 0.2275, 0.1765
CMYK	0.27, 0.06, 0.00, 0.18
HSL	194°, 38%, 71%
HSV	194°, 27%, 82%
XYZ	44.9255, 51.4557, 68.5369
YIQ	185.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

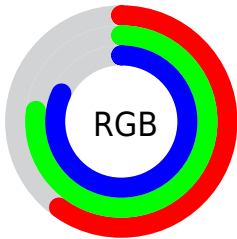
Format	Color
RYB	154, 178, 210
Decimal	10143186
CIELab	76.95, -11.18, -11.14
CIELCh	77, 15.782, 224.885
Yxy	51.4557, 0.2724, 0.3120
Android (android.graphics.Color)	4288333266 (0xFF9AC5D2)
YUV	185.6250, 12.0169, -27.7351
Hunter-Lab	71.7326, -13.7390, -6.4358

Details

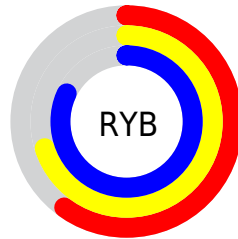
The YUV color $185.6250, 12.0169, -27.7351$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $178.3750, -12.0169, 27.7351$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6590, 7.0701, -27.7649$, and $131.9240, 11.8695, -27.1203$ is the 20% darker color. If you saturate the color by 10%, you get $176.4110, 16.5594, -38.0714$, and if you desaturate by 10%, it is $194.8390, 7.4744, -17.3988$.

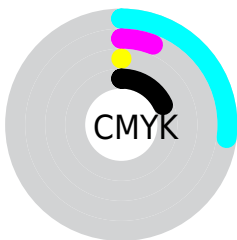
Distribution



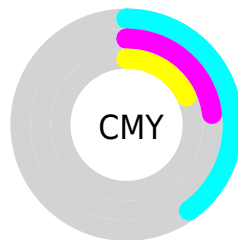
- Red (60%)
- Green (77%)
- Blue (82%)



- Red (60%)
- Yellow (70%)
- Blue (82%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.6250, 12.0169, -27.7351 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 185.6250, 12.0169, -27.7351 by changing the saturation by 10% instead.

■ 185.6250, 12.0169,
-27.7351

■ 185.6250, 12.0169,
-27.7351

255.0000, 0.0000,
0.0000

■ 158.5110, 11.5801,
-27.6351

■ 240.6590, 7.0701,
-27.7649

■ 131.9240, 11.8695,
-27.1203

■ 249.9170, 2.5059,
-10.4512

■ 106.8100, 11.4327,
-27.0204

■ 81.6960, 10.9959,
-26.9204

■ 57.0980, 11.2907,
-28.1499

■ 34.0870, 11.2961,
-29.8943

■ 19.9530, 7.9112,

-17.4988

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 185.6250, 12.0169,
-27.7351

■ 185.6250, 12.0169,
-27.7351

■ 176.4110, 16.5594,
-38.0714

■ 194.8390, 7.4744,
-17.3988

■ 167.1970, 21.1019,
-48.4078

■ 204.0530, 2.9319,
-7.0625

■ 157.9830, 25.6444,
-58.7441

■ 213.2670, -1.6106,
3.2738

■ 149.3560, 29.8975,
-69.5952

■ 221.8940, -5.8637,
14.1250

■ 140.1420, 34.4400,
-79.9315

■ 229.9120, -9.8166,
22.0022

■ 130.9280, 38.9825,
-90.2679

■ 232.8470,
-11.2636, 19.4282

■ 121.7140, 43.5250,
-100.6042

■ 235.7820,
-12.7105, 16.8542

■ 118.4470, 45.1356,
-103.8780

■ 238.7170,
-14.1575, 14.2802

■ 241.6520,
-15.6044, 11.7062

Harmonies

Analogous

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



185.0180, 5.9071, -28.0798



185.6250, 12.0169, -27.7351



187.4780, 15.0473, -19.7132

Triad

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



185.6250, 12.0169, -27.7351



193.1040, 2.4137, 19.2028



188.5910, -13.1094, 4.7437

Complementary

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



185.6250, 12.0169, -27.7351



178.3750, -12.0169, 27.7351

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.



190.1410, -13.8735, 16.5393



185.6250, 12.0169, -27.7351



192.6010, -4.7333, 24.9059

Square

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



185.6250, 12.0169, -27.7351



192.4600, 9.1402, 8.3666



191.6950, -10.6956, 23.9465



186.6540, -8.7034, -8.4666

Rectangle

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



185.6250, 12.0169, -27.7351



189.4190, 14.5834, -10.8915



191.6950, -10.6956, 23.9465



189.3850, -13.9938, 8.4324

Sweetspot

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



185.6250, 12.0169, -27.7351



246.0850, 4.3951, -9.7215



188.2400, -10.9643, -30.0285



122.3520, 2.7845, -6.4477



0.0000, 0.0000, 0.0000



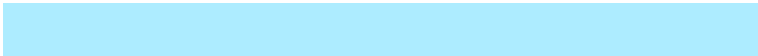
128.0000, 0.0000, 0.0000

Same Dimension

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



185.6250, 12.0169, -27.7351



219.3290, 17.5858, -40.6305



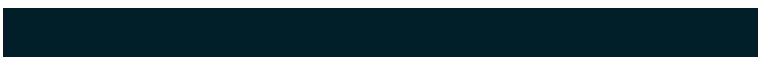
169.7760, 19.8304, -13.8356



99.9500, 2.4897, -5.2181



94.8750, 36.0506, -83.2054



22.8710, 8.9376, -20.0579

Inverse Universe

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



175.6460, 10.5275, 30.1285



204.7000, 15.4309, 44.1131



194.2240, -19.8304, 13.8356



98.2010, 1.8729, 5.9627



64.9380, 31.5826, 90.3854



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 185.6250, 12.0169, -27.7351 looks on a white background.

Color Contrast Check

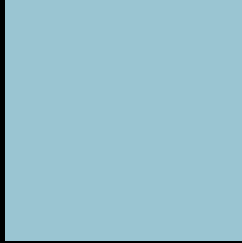
Large Text (above 18pt) WCAG AA × Fail

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 185.6250, 12.0169, -27.7351 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

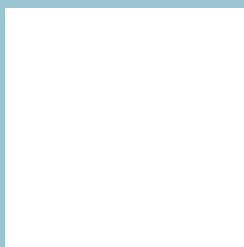
Any Text WCAG AAA ✓ Pass

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

YUV 185.6250, 12.0169, -27.7351 Background



This preview shows how black text looks on a background with the YUV color 185.6250, 12.0169, -27.7351.



This preview shows how white text looks on a background with the YUV color 185.6250, 12.0169, -27.7351.

-27.7351.

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

185.6250, 12.0169, -27.7351

Protanopia

189.9380, 7.4256, -1.6996

Deuteranopia

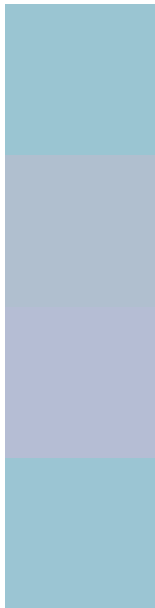
191.1930, 10.7509, 5.0927



Tritanopia

186.1520, 12.7431, -27.3203

Trichromacy



Original Color

185.6250, 12.0169, -27.7351

Protanomaly

188.3390, 9.1999, -10.8213

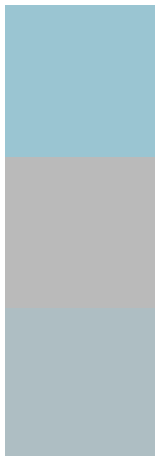
Deuteranomaly

189.2300, 11.2256, -7.2177

Tritanomaly

186.0380, 12.3063, -27.2203

Monochromacy



Original Color

185.6250, 12.0169, -27.7351

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.6250, 12.0169, -27.7351 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(154, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(154, 197, 210)  
}
```

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(154, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 197, 210) }
```

Border

The CSS property to change the border of an element to YUV 185.6250, 12.0169, -27.7351 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(154, 197, 210) }
```


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

```
.border{ border-color:rgb(154, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(154, 197,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 185.6250, 12.0169, -27.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 197, 210) }
```

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

```
.background{ background-color: rgb(154,  
197, 210) }
```

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