

Converting Colors

YUV(176.2810, 17.1165,
-30.0644)

Have a look what the booklet for
YUV(176.2810, 17.1165, -30.0644)
contains.

YUV(176.2810, 17.1165, -30.0644)	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(176.2810, 17.1165,
-30.0644)**

Conversions

Conversions Part 1

Format	Color
Hex	8EBBD3
RGB	142, 187, 211
RGB Percent	56%, 73%, 83%
CMY	0.4431, 0.2667, 0.1725
CMYK	0.33, 0.11, 0.00, 0.17
HSL	201°, 44%, 69%
HSV	201°, 33%, 83%
XYZ	40.6835, 45.9946, 68.3616
YIQ	176.2810, -34.5240, -2.0760

Conversions

Conversions Part 2

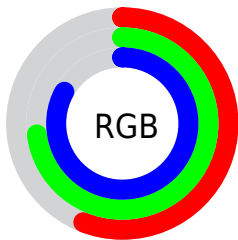
Format	Color
RYB	142, 169, 211
Decimal	9354195
CIELab	73.54, -9.14, -16.87
CIELCh	74, 19.190, 241.556
Yxy	45.9946, 0.2624, 0.2967
Android (android.graphics.Color)	4287544275 (0xFF8EBBD3)
YUV	176.2810, 17.1165, -30.0644
Hunter-Lab	67.8193, -11.6050, -12.2906

Details

The YUV color $176.2810, 17.1165, -30.0644$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $176.7190, -17.1165, 30.0644$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.6140, 12.0223, -29.4795$, and $123.0530, 16.2429, -29.8645$ is the 20% darker color. If you saturate the color by 10%, you get $165.8930, 22.2378, -39.3712$, and if you desaturate by 10%, it is $186.6690, 11.9952, -20.7577$.

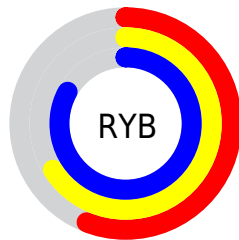
Distribution



Red (56%)

Green (73%)

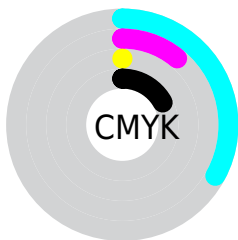
Blue (83%)



Red (56%)

Yellow (66%)

Blue (83%)

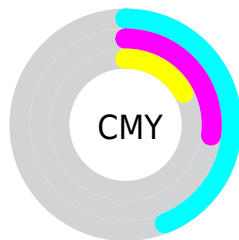


Cyan (33%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (44%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2810, 17.1165, -30.0644 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 176.2810, 17.1165, -30.0644 by changing the saturation by 10% instead.

■ 176.2810, 17.1165,
-30.0644

■ 176.2810, 17.1165,
-30.0644

■ 255.0000, 0.0000,
0.0000

■ 149.1670, 16.6797,
-29.9645

■ 230.6140, 12.0223,
-29.4795

■ 123.0530, 16.2429,
-29.8645

■ 246.3290, 4.2748,
-17.8285

■ 97.6400, 15.9535,
-30.3793

■ 72.0420, 16.2483,
-31.6088

■ 45.9380, 17.2856,
-37.6566

■ 29.5050, 14.0480,
-25.8759

■ 15.2570, 10.2263,

-13.3804

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 176.2810, 17.1165,
-30.0644

■ 176.2810, 17.1165,
-30.0644

■ 165.8930, 22.2378,
-39.3712

■ 186.6690, 11.9952,
-20.7577

■ 154.9180, 27.6484,
-48.1631

■ 197.6440, 6.5845,
-11.9658

■ 144.5300, 32.7697,
-57.4698

■ 208.0320, 1.4632,
-2.6591

■ 134.1420, 37.8910,
-66.7765

■ 218.4200, -3.6581,
6.6477

■ 123.1670, 43.3017,
-75.5685

■ 229.6940, -9.2161,
16.0544

■ 112.4800, 48.5704,
-85.4900

■ 235.8960,
-12.2737, 16.7542

■ 105.0600, 52.2284,
-92.1376

■ 240.0050,
-14.2995, 13.1506

■ 244.7010,
-16.6146, 9.0322

■ 248.8100,
-18.6403, 5.4286

Harmonies

Analogous

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



173.8690, 11.8966, -35.8421



176.2810, 17.1165, -30.0644



179.7820, 17.3625, -15.5948

Triad

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



176.2810, 17.1165, -30.0644



183.7200, -1.8340, 28.3096



177.7210, -13.6665, -3.2633

Complementary

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



176.2810, 17.1165, -30.0644



176.7190, -17.1165, 30.0644

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.



180.0110, -16.7674, 11.3914



176.2810, 17.1165, -30.0644



183.2550, -9.9857, 29.5944

Square

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



176.2810, 17.1165, -30.0644



183.9450, 6.9291, 17.5882



181.7290, -15.6424, 23.9167



175.5710, -6.1975, -18.9178

Rectangle

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



176.2810, 17.1165, -30.0644



181.6910, 15.4353, -4.1140



181.7290, -15.6424, 23.9167



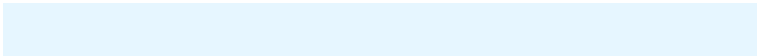
178.4120, -14.9931, 2.2697

Sweetspot

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



176.2810, 17.1165, -30.0644



242.2420, 6.2897, -10.7362



185.1250, -9.9216, -37.8206



119.6940, 4.0949, -6.7476



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.



176.2810, 17.1165, -30.0644



204.8540, 24.7220, -42.8450



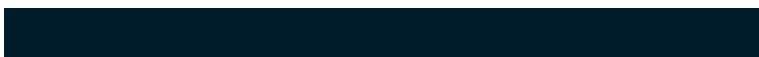
156.9100, 26.6664, -13.0761



99.3630, 2.7790, -4.7034



83.7220, 41.5491, -73.4242



20.5230, 10.0952, -17.9987

Inverse Universe

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



167.7610, 9.4848, 37.9206



192.8970, 13.3618, 54.4643



196.6770, -26.9558, 12.5613



98.0870, 1.4361, 6.0627



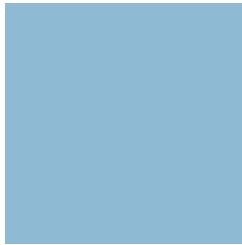
62.7720, 23.2834, 92.2850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 176.2810, 17.1165, -30.0644 looks on a white background.

Color Contrast Check

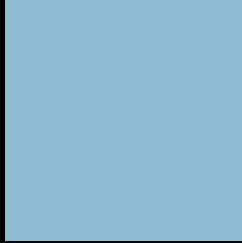
Large Text (above 18pt) WCAG AA × Fail

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 176.2810, 17.1165, -30.0644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

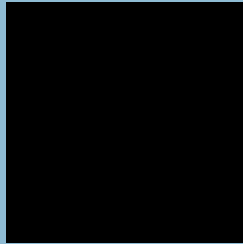
Any Text WCAG AA ✓ Pass

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 176.2810, 17.1165, -30.0644 Background



This preview shows how black text looks on a background with the YUV color 176.2810, 17.1165, -30.0644.



This preview shows how white text looks on a background with the YUV color 176.2810, 17.1165, -30.0644.

-30.0644.

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

176.2810, 17.1165, -30.0644

Protanopia

181.1810, 12.2358, -4.5437

Deuteranopia

181.7130, 15.4245, -0.6253



Tritanopia

175.3580, 13.6275, -31.0090

Trichromacy



Original Color

176.2810, 17.1165, -30.0644

Protanomaly

179.5820, 14.0101, -13.6654

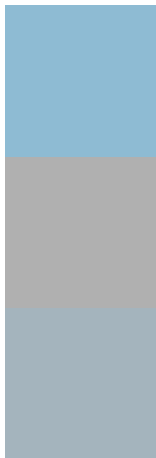
Deuteranomaly

179.7610, 15.8938, -11.1914

Tritanomaly

175.9990, 14.7905, -30.6941

Monochromacy



Original Color

176.2810, 17.1165, -30.0644

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.2420, 6.2897, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2810, 17.1165, -30.0644 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(142, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(142, 187, 211)  
}
```

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(142, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 187, 211) }
```

Border

The CSS property to change the border of an element to YUV 176.2810, 17.1165, -30.0644 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(142, 187, 211) }
```


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

```
.border{ border-color:rgb(142, 187, 211) }
```

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

Here you see how a box with a 4 pixel rgb(142, 187, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(142, 187,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 176.2810, 17.1165, -30.0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 187, 211) }
```

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

```
.background{ background-color: rgb(142,  
187, 211) }
```

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