

Converting Colors

YUV(176.0030, -21.6935,
-42.0986)

Have a look what the booklet for
YUV(176.0030, -21.6935, -42.0986)
contains.

YUV(176.0030, -21.6935, -42.0986)	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(176.0030, -21.6935,
-42.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	80D184
RGB	128, 209, 132
RGB Percent	50%, 82%, 52%
CMY	0.4980, 0.1804, 0.4824
CMYK	0.39, 0.00, 0.37, 0.18
HSL	123°, 47%, 66%
HSV	123°, 39%, 82%
XYZ	35.8674, 51.8561, 29.9486
YIQ	176.0030, -23.5590, -41.1190

Conversions

Conversions Part 2

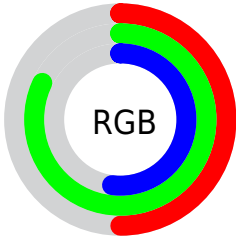
Format	Color
RYB	128, 205, 209
Decimal	8442244
CIELab	77.19, -40.38, 30.61
CIELCh	77, 50.674, 142.835
Yxy	51.8561, 0.3048, 0.4407
Android (android.graphics.Color)	4286632324 (0xFF80D184)
YUV	176.0030, -21.6935, -42.0986
Hunter-Lab	72.0112, -37.1120, 25.7498

Details

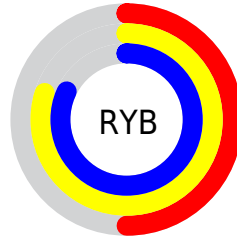
The YUV color **176.0030, -21.6935, -42.0986** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **160.9970, 21.6935, 42.0986**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9050, -19.6732, -36.7507**, and **121.7580, -20.0937, -41.8838** is the 20% darker color. If you saturate the color by 10%, you get **167.4440, -27.3339, -53.0094**, and if you desaturate by 10%, it is **184.5620, -16.0531, -31.1879**.

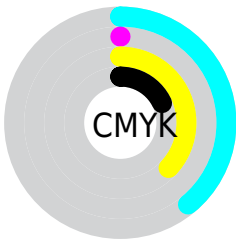
Distribution



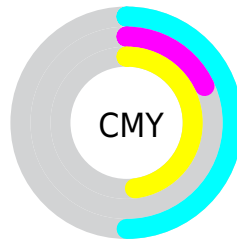
- Red (50%)
- Green (82%)
- Blue (52%)



- Red (50%)
- Yellow (80%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0030, -21.6935, -42.0986 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 176.0030, -21.6935, -42.0986 by changing the saturation by 10% instead.

■ 176.0030,
-21.6935, -42.0986

■ 176.0030,
-21.6935, -42.0986

255.0000, 0.0000,
0.0000

■ 148.5300,
-20.9673, -41.6838

■ 225.9050,
-19.6732, -36.7507

■ 121.7580,
-20.0937, -41.8838

■ 237.4690,
-11.5702, -22.3363

■ 94.5020, -18.4885,
-43.4133

■ 249.6310, -3.7621,
-6.6924

■ 66.1420, -15.8460,
-50.9905

■ 46.3390, -17.9151,
-40.6393

■ 31.1110, -15.3377,
-27.2843

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 176.0030,
-21.6935, -42.0986

■ 176.0030,
-21.6935, -42.0986

■ 167.4440,
-27.3339, -53.0094

■ 184.5620,
-16.0531, -31.1879

■ 158.8850,
-32.9743, -63.9201

■ 193.1210,
-10.4127, -20.2771

■ 150.3260,
-38.6147, -74.8309

■ 201.6800, -4.7722,
-9.3664

■ 141.8810,
-43.8183, -85.8416

■ 210.1250, 0.4314,
1.6444

■ 133.6210,
-49.6062, -96.1376

■ 218.6840, 6.0718,
12.5551

■ 125.0620,
-55.2466, -107.0484

■ 226.9440, 11.8596,
22.8511

■ 123.8230,
-56.1147, -108.5928

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



183.0440, -40.4477, -0.0386



176.0030, -21.6935, -42.0986



158.3540, 9.1925, -102.0425

Triad

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



176.0030, -21.6935, -42.0986



170.9990, 41.4125, -76.2981



184.5410, -13.5777, 61.7925

Complementary

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



176.0030, -21.6935, -42.0986



160.9970, 21.6935, 42.0986

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.



189.3120, 7.2412, 57.6084



176.0030, -21.6935, -42.0986



189.4140, 32.3339, -10.8871

Square

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



176.0030, -21.6935, -42.0986



152.3400, 50.6114, -133.6022



196.2890, 25.4935, 36.5805



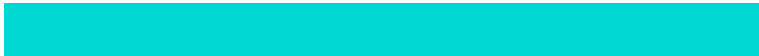
187.6120, -34.8117, 59.0993

Rectangle

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



176.0030, -21.6935, -42.0986



150.1450, 29.5085, -131.6772



196.2890, 25.4935, 36.5805



185.0770, -6.4470, 61.3225

Sweetspot

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



176.0030, -21.6935, -42.0986



242.4250, -8.0975, -16.1587



198.8690, -34.9384, 6.2539



120.6800, -4.7722, -9.3664



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.



176.0030, -21.6935, -42.0986



206.1240, -32.1061, -62.3757



180.4490, -4.6584, -45.9978



100.5710, -2.7465, -5.7628



99.5280, -45.1233, -87.2861



24.2950, -10.9914, -21.3067

Inverse Universe

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



160.9970, 21.6935, 42.0986



183.8760, 32.1061, 62.3757



156.5510, 4.6584, 45.9978



98.4290, 2.7465, 5.7628



68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 176.0030, -21.6935, -42.0986 looks on a white background.

Color Contrast Check

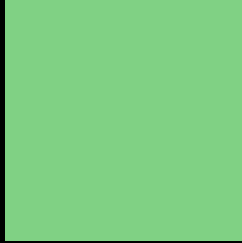
Large Text (above 18pt) WCAG AA × Fail

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 176.0030, -21.6935, -42.0986 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 176.0030, -21.6935, -42.0986 Background



This preview shows how black text looks on a background with the YUV color 176.0030, -21.6935, -42.0986.



This preview shows how white text looks on a background with the YUV color 176.0030, -21.6935, -42.0986.

-42.0986.

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

176.0030, -21.6935, -42.0986

Protanopia

187.2600, -31.1872, 16.4350

Deuteranopia

189.8410, -25.5576, 30.8344



Tritanopia

184.3790, 15.0962, -35.4124

Trichromacy



Original Color

176.0030, -21.6935, -42.0986

Protanomaly

183.3390, -27.7751, -4.6823

Deuteranomaly

185.0180, -24.1659, 4.3692

Tritanomaly

181.5130, 1.7191, -38.1609

Monochromacy



Original Color

176.0030, -21.6935, -42.0986

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1370, -7.9555, -15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0030, -21.6935, -42.0986 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(128, 209, 132)` looks like.

```
.text, #text, p{  
    color:rgb(128, 209, 132)  
}
```

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(128, 209, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 209, 132) }
```

Border

The CSS property to change the border of an element to YUV 176.0030, -21.6935, -42.0986 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(128, 209, 132) }
```


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

```
.border{ border-color:rgb(128, 209, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 209, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 209, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 209, 132);  
box-shadow:4px 4px 4px 4px rgb(128, 209,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 176.0030, -21.6935, -42.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 209, 132) }
```

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

```
.background{ background-color: rgb(128,  
209, 132) }
```

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