

Converting Colors

YUV(182.0860, -27.6504,
-44.8024)

Have a look what the booklet for
YUV(182.0860, -27.6504, -44.8024)
contains.

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Color

**YUV(182.0860, -27.6504,
-44.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	83DB7E
RGB	131, 219, 126
RGB Percent	51%, 86%, 49%
CMY	0.4863, 0.1412, 0.5059
CMYK	0.40, 0.00, 0.42, 0.14
HSL	117°, 56%, 68%
HSV	117°, 42%, 86%
XYZ	38.4575, 56.9947, 28.7128
YIQ	182.0860, -22.5950, -47.5790

Conversions

Conversions Part 2

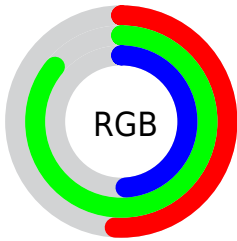
Format	Color
RYB	126, 219, 214
Decimal	8641406
CIELab	80.18, -44.74, 37.57
CIELCh	80, 58.421, 139.979
Yxy	56.9947, 0.3097, 0.4590
Android (android.graphics.Color)	4286831486 (0xFF83DB7E)
YUV	182.0860, -27.6504, -44.8024
Hunter-Lab	75.4948, -41.1871, 30.2967

Details

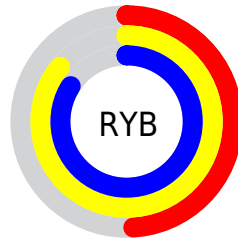
The YUV color **182.0860, -27.6504, -44.8024** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **162.9140, 27.6504, 44.8024**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4170, -22.8836, -33.6917**, and **126.6560, -25.4664, -45.3023** is the 20% darker color. If you saturate the color by 10%, you get **173.2990, -34.1644, -55.5132**, and if you desaturate by 10%, it is **190.8730, -21.1364, -34.0916**.

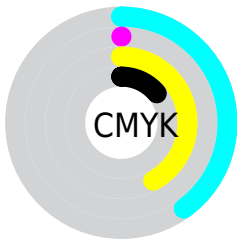
Distribution



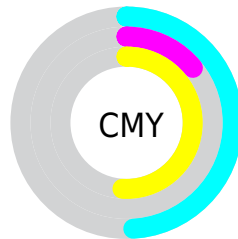
- Red (51%)
- Green (86%)
- Blue (49%)



- Red (49%)
- Yellow (86%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.0860, -27.6504, -44.8024 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 182.0860, -27.6504, -44.8024 by changing the saturation by 10% instead.

■ 182.0860,
-27.6504, -44.8024

■ 182.0860,
-27.6504, -44.8024

255.0000, 0.0000,
0.0000

■ 154.3140,
-26.7768, -45.0024

■ 226.4170,
-22.8836, -33.6917

■ 126.6560,
-25.4664, -45.3023

■ 237.9810,
-14.7806, -19.2773

■ 99.8730, -24.5874,
-47.2466

■ 250.1430, -6.9725,
-3.6334

■ 69.0180, -21.2079,
-57.8978

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 182.0860,
-27.6504, -44.8024

■ 182.0860,
-27.6504, -44.8024

■ 173.2990,
-34.1644, -55.5132

■ 190.8730,
-21.1364, -34.0916

■ 164.8110,
-40.8258, -65.6092

■ 199.3610,
-14.4750, -23.9956

■ 156.0240,
-47.3398, -76.3200

■ 208.1480, -7.9610,
-13.2848

■ 147.2370,
-53.8538, -87.0308

■ 216.9350, -1.4470,
-2.5740

■ 138.5640,
-59.9311, -97.8416

■ 225.7220, 5.0671,
8.1368

■ 132.1410,
-65.1455, -105.3637

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



190.3020, -48.4629, 4.1201



182.0860, -27.6504, -44.8024



152.3670, 12.6371, -133.6259

Triad

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



182.0860, -27.6504, -44.8024



152.3400, 50.6114, -133.6022



185.4530, -10.0833, 60.9927

Complementary

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



182.0860, -27.6504, -44.8024



162.9140, 27.6504, 44.8024

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.



191.7230, 13.9406, 55.4939



182.0860, -27.6504, -44.8024



193.5010, 30.3190, -17.9794

Square

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



182.0860, -27.6504, -44.8024



159.3840, 47.1387, -139.7798



203.0120, 25.6301, 39.4545



188.7860, -35.3905, 58.0697

Rectangle

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



182.0860, -27.6504, -44.8024



157.8730, 28.6566, -138.4546



203.0120, 25.6301, 39.4545



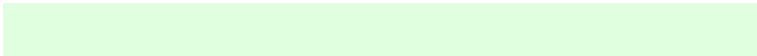
186.3310, -1.6422, 60.2227

Sweetspot

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



182.0860, -27.6504, -44.8024



241.9690, -9.8447, -15.7588



204.8760, -38.8859, 12.3867



119.6260, -6.2246, -10.1960



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.



182.0860, -27.6504, -44.8024



203.4030, -38.6527, -62.6204



185.1510, -9.4414, -51.8754



105.4570, -3.1833, -5.6628



104.2420, -51.3913, -83.5272



27.6000, -13.6068, -22.4512

Inverse Universe

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



162.9140, 27.6504, 44.8024



176.5970, 38.6527, 62.6204



159.8490, 9.4414, 51.8754



103.2440, 3.3307, 5.0480



68.7580, 51.3913, 83.5272



18.1010, 13.7542, 21.8364

Previews

White Background



This preview shows how the YUV color 182.0860, -27.6504, -44.8024 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 182.0860, -27.6504, -44.8024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

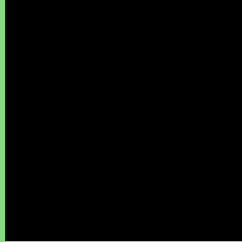
Any Text WCAG AA ✓ Pass

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 182.0860, -27.6504, -44.8024 Background



This preview shows how black text looks on a background with the YUV color 182.0860, -27.6504, -44.8024.

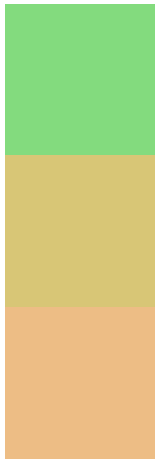


This preview shows how white text looks on a background with the YUV color 182.0860, -27.6504, -44.8024.

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

182.0860, -27.6504, -44.8024

Protanopia

194.2620, -37.5972, 19.0642

Deuteranopia

196.9680, -31.5362, 35.1081



Tritanopia

192.4820, 15.5384, -37.2567

Trichromacy



Original Color

182.0860, -27.6504, -44.8024

Protanomaly

190.0310, -34.0323, -4.4122

Deuteranomaly

191.4220, -30.2810, 5.7689

Tritanomaly

188.6330, -0.3121, -40.0201

Monochromacy



Original Color

182.0860, -27.6504, -44.8024

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6700, -9.6973, -16.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.0860, -27.6504, -44.8024 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(131, 219, 126)` looks like.

```
.text, #text, p{  
    color:rgb(131, 219, 126)  
}
```

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(131, 219, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 219, 126) }
```

Border

The CSS property to change the border of an element to YUV 182.0860, -27.6504, -44.8024 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(131, 219, 126) }
```


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

```
.border{ border-color:rgb(131, 219, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 219, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 219, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 219, 126);  
box-shadow:4px 4px 4px 4px rgb(131, 219,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 182.0860, -27.6504, -44.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 219, 126) }
```

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

```
.background{ background-color: rgb(131,  
219, 126) }
```

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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