

Converting Colors

YUV(180.3760, -27.3004,
-16.9928)

Have a look what the booklet for
YUV(180.3760, -27.3004, -16.9928)
contains.

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Color

**YUV(180.3760, -27.3004,
-16.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C97D
RGB	161, 201, 125
RGB Percent	63%, 79%, 49%
CMY	0.3686, 0.2118, 0.5098
CMYK	0.20, 0.00, 0.38, 0.21
HSL	92°, 41%, 64%
HSV	92°, 38%, 79%
XYZ	39.2863, 50.8310, 27.1428
YIQ	180.3760, 0.5560, -32.1160

Conversions

Conversions Part 2

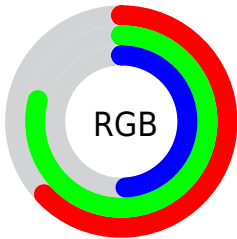
Format	Color
RYB	125, 201, 165
Decimal	10602877
CIELab	76.58, -26.58, 33.74
CIELCh	77, 42.957, 128.233
Yxy	50.8310, 0.3350, 0.4335
Android (android.graphics.Color)	4288792957 (0xFFA1C97D)
YUV	180.3760, -27.3004, -16.9928
Hunter-Lab	71.2959, -26.4087, 27.3350

Details

The YUV color **180.3760, -27.3004, -16.9928** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **145.6240, 27.3004, 16.9928**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8600, -28.0320, -15.6632**, and **127.1310, -25.7006, -16.7779** is the 20% darker color. If you saturate the color by 10%, you get **174.8070, -34.4149, -21.7557**, and if you desaturate by 10%, it is **185.9450, -20.1859, -12.2298**.

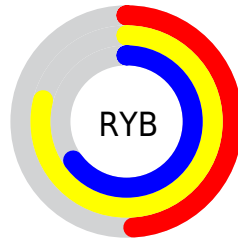
Distribution



Red (63%)

Green (79%)

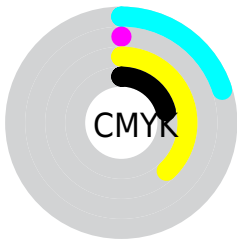
Blue (49%)



Red (49%)

Yellow (79%)

Blue (65%)

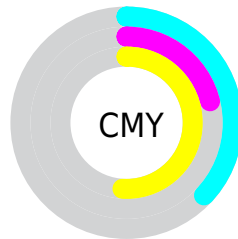


Cyan (20%)

Magenta (0%)

Yellow (38%)

Black (21%)



Cyan (37%)

Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3760, -27.3004, -16.9928 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 180.3760, -27.3004, -16.9928 by changing the saturation by 10% instead.

■ 180.3760,
-27.3004, -16.9928

■ 180.3760,
-27.3004, -16.9928

255.0000, 0.0000,
0.0000

■ 153.4900,
-26.8636, -17.0927

■ 234.8600,
-28.0320, -15.6632

■ 127.1310,
-25.7006, -16.7779

■ 246.7230,
-20.0764, -0.6341

■ 101.3590,
-24.8270, -16.9778

■ 252.7200, -8.7360,
1.9996

■ 76.4730, -24.3902,
-17.0778

■ 52.3590, -24.8270,
-16.9778

■ 31.1550, -15.3594,
-20.3069

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 180.3760,
-27.3004, -16.9928

■ 180.3760,
-27.3004, -16.9928

■ 174.8070,
-34.4149, -21.7557

■ 185.9450,
-20.1859, -12.2298

■ 169.5370,
-41.6767, -25.9039

■ 191.2150,
-12.9240, -8.0816

■ 163.9680,
-48.7912, -30.6669

■ 196.7840, -5.8095,
-3.3186

■ 158.6980,
-56.0531, -34.8151

■ 202.0540, 1.4524,
0.8296

■ 153.1290,
-63.1676, -39.5781

■ 207.7370, 9.0037,
5.4927

■ 147.7450,
-70.8663, -43.6264

■ 213.0070, 16.2655,
9.6409

■ 146.3920,
-72.1713, -45.0708

■ 217.3220, 18.5753,
15.5036

■ 220.6110, 16.9538,
22.2662

■ 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



184.9520, -37.4443, 16.7051



180.3760, -27.3004, -16.9928



173.2970, -7.5414, -54.6345

Triad

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



180.3760, -27.3004, -16.9928



168.5850, 42.6026, -84.7050



189.3970, -5.1257, 57.5338

Complementary

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



180.3760, -27.3004, -16.9928



145.6240, 27.3004, 16.9928

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.



194.2120, 12.2205, 47.1721



180.3760, -27.3004, -16.9928



184.2650, 34.8724, -31.8044

Square

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



180.3760, -27.3004, -16.9928



149.1140, 43.3278, -130.7730



193.5310, 28.3322, 12.6893



188.7010, -23.0236, 58.1442

Rectangle

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



180.3760, -27.3004, -16.9928



165.5890, 9.5696, -82.9546



193.5310, 28.3322, 12.6893



190.9930, 0.9895, 56.1341

Sweetspot

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



180.3760, -27.3004, -16.9928



247.3230, -10.0192, -6.4223



170.6170, -22.4892, 26.6459



123.3710, -6.0989, -3.8334



0.0000, 0.0000, 0.0000



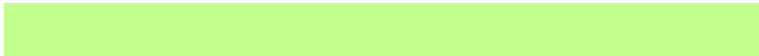
128.0000, 0.0000, 0.0000

Same Dimension

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



180.3760, -27.3004, -16.9928



223.9500, -41.3874, -25.3892



169.7260, -21.5569, -39.2247



96.4790, -3.1941, -2.1741



118.7040, -58.5211, -36.5744



26.2150, -12.9240, -8.0816

Inverse Universe

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



145.6240, 27.3004, 16.9928



171.3490, 41.2399, 26.0039



156.2740, 21.5569, 39.2247



92.5210, 3.1941, 2.1741



44.2960, 58.5211, 36.5744



9.7850, 12.9240, 8.0816

Previews

White Background



This preview shows how the YUV color 180.3760, -27.3004, -16.9928 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 180.3760, -27.3004, -16.9928 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 180.3760, -27.3004, -16.9928 Background



This preview shows how black text looks on a background with the YUV color 180.3760, -27.3004, -16.9928.



This preview shows how white text looks on a background with the YUV color 180.3760, -27.3004, -16.9928.

-16.9928.

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

180.3760, -27.3004, -16.9928

Protanopia

185.3310, -32.2082, 17.2497

Deuteranopia

187.7550, -28.4732, 32.6639



Tritanopia

187.3280, 9.2053, -12.5657

Trichromacy



Original Color

180.3760, -27.3004, -16.9928

Protanomaly

183.7100, -30.4230, 4.6393

Deuteranomaly

185.3460, -28.2716, 14.6056

Tritanomaly

185.1740, -4.0298, -14.1846

Monochromacy



Original Color

180.3760, -27.3004, -16.9928

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.3230, -10.0192, -6.4223

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3760, -27.3004, -16.9928 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(161, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(161, 201, 125)  
}
```

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(161, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 201, 125) }
```

Border

The CSS property to change the border of an element to YUV 180.3760, -27.3004, -16.9928 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(161, 201, 125) }
```


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

```
.border{ border-color:rgb(161, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(161, 201,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 180.3760, -27.3004, -16.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 201, 125) }
```

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

```
.background{ background-color: rgb(161,  
201, 125) }
```

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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