

Converting Colors

YUV(181.8090, -30.9648,
-55.0835)

Have a look what the booklet for
YUV(181.8090, -30.9648, -55.0835)
contains.

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Color

**YUV(181.8090, -30.9648,
-55.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	77E277
RGB	119, 226, 119
RGB Percent	47%, 89%, 47%
CMY	0.5333, 0.1137, 0.5333
CMYK	0.47, 0.00, 0.47, 0.11
HSL	120°, 65%, 68%
HSV	120°, 47%, 89%
XYZ	38.1339, 59.6466, 26.9558
YIQ	181.8090, -29.4250, -55.9610

Conversions

Conversions Part 2

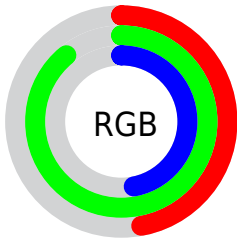
Format	Color
RYB	119, 226, 226
Decimal	7856759
CIELab	81.65, -52.11, 42.77
CIELCh	82, 67.418, 140.622
Yxy	59.6466, 0.3057, 0.4782
Android (android.graphics.Color)	4286046839 (0xFF77E277)
YUV	181.8090, -30.9648, -55.0835
Hunter-Lab	77.2312, -47.0179, 33.3680

Details

The YUV color **181.8090, -30.9648, -55.0835** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **163.1910, 30.9648, 55.0835**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3300, -24.3197, -39.7544**, and **125.1830, -28.1912, -58.0425** is the 20% darker color. If you saturate the color by 10%, you get **172.3100, -37.6208, -66.9239**, and if you desaturate by 10%, it is **191.3080, -24.3088, -43.2431**.

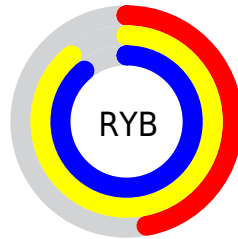
Distribution



Red (47%)

Green (89%)

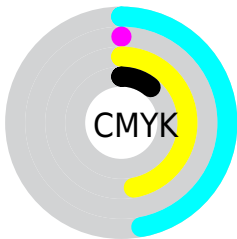
Blue (47%)



Red (47%)

Yellow (89%)

Blue (89%)

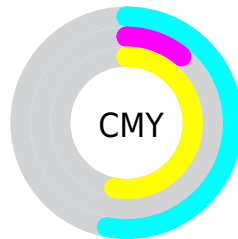


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (11%)



Cyan (53%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.8090, -30.9648, -55.0835 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 181.8090, -30.9648, -55.0835 by changing the saturation by 10% instead.

■ 181.8090,
-30.9648, -55.0835

■ 181.8090,
-30.9648, -55.0835

255.0000, 0.0000,
0.0000

■ 153.7380,
-29.9438, -55.8982

■ 222.3300,
-24.3197, -39.7544

■ 125.1830,
-28.1912, -58.0425

■ 234.1930,
-16.3641, -24.7253

■ 94.1110, -25.6907,
-66.7493

■ 246.3550, -8.5560,
-9.0813

■ 69.6880, -27.4542,
-61.1164

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,
-33.9767

■ 25.8280, -12.7332,

-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 181.8090,
-30.9648, -55.0835

■ 181.8090,
-30.9648, -55.0835

■ 172.3100,
-37.6208, -66.9239

■ 191.3080,
-24.3088, -43.2431

■ 163.2240,
-43.9874, -78.2494

■ 200.3940,
-17.9422, -31.9175

■ 153.7250,
-50.6434, -90.0898

■ 209.8930,
-11.2862, -20.0772

■ 144.6390,
-57.0100, -101.4154

■ 218.9790, -4.9196,
-8.7516

■ 135.1400,
-63.6660, -113.2558

■ 228.4780, 1.7363,
3.0888

■ 132.6620,
-65.4024, -116.3446

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



192.0000, -57.1880, 2.6310



181.8090, -30.9648, -55.0835



157.2910, 11.1955, -137.9442

Triad

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



181.8090, -30.9648, -55.0835



155.8620, 48.8750, -136.6910



182.1760, -9.9468, 63.8666

Complementary

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



181.8090, -30.9648, -55.0835



163.1910, 30.9648, 55.0835

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.



189.4720, 18.0083, 57.4681



181.8090, -30.9648, -55.0835



194.0770, 30.0350, -20.2385

Square

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



181.8090, -30.9648, -55.0835



163.4930, 45.1130, -143.3834



203.9310, 25.1770, 44.7875



187.0590, -39.4691, 59.5843

Rectangle

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



181.8090, -30.9648, -55.0835



162.8940, 30.1253, -142.8580



203.9310, 25.1770, 44.7875



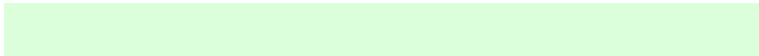
182.8090, 0.0942, 63.3115

Sweetspot

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



181.8090, -30.9648, -55.0835



240.1320, -10.4181, -18.5328



213.8020, -46.7374, 10.6976



118.9140, -6.3666, -11.3256



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.



181.8090, -30.9648, -55.0835



195.1150, -41.9617, -74.6459



187.9650, -7.3777, -60.4823



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



163.1910, 30.9648, 55.0835



169.8850, 41.9617, 74.6459



157.1490, 7.8145, 60.3823



105.5430, 3.1833, 5.6628



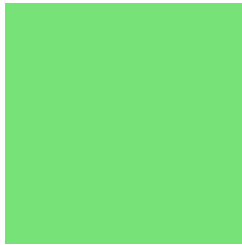
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 181.8090, -30.9648, -55.0835 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 181.8090, -30.9648, -55.0835 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 181.8090, -30.9648, -55.0835 Background



This preview shows how black text looks on a background with the YUV color 181.8090, -30.9648, -55.0835.



This preview shows how white text looks on a background with the YUV color 181.8090, -30.9648, -55.0835.

-55.0835.

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

181.8090, -30.9648, -55.0835

Protanopia

197.4920, -43.1336, 21.4935

Deuteranopia

200.4260, -36.1990, 37.3374



Tritanopia

193.8230, 18.3283, -45.4488

Trichromacy



Original Color

181.8090, -30.9648, -55.0835



Protanomaly

192.0540, -38.9736, -6.1864



Deuteranomaly

193.6730, -34.3488, 3.7948



Tritanomaly

189.6920, 0.1518, -48.8419

Monochromacy



Original Color

181.8090, -30.9648, -55.0835



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.8930, -11.2862, -20.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8090, -30.9648, -55.0835 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(119, 226, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 226, 119)  
}
```

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(119, 226, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 226, 119) }
```

Border

The CSS property to change the border of an element to YUV 181.8090, -30.9648, -55.0835 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(119, 226, 119) }
```


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

```
.border{ border-color:rgb(119, 226, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 226, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 226, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 226, 119); box-shadow:4px 4px 4px 4px rgb(119, 226, 119) }
```

Background

The CSS property to change the background color of an element to YUV 181.8090, -30.9648, -55.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 226, 119) }
```

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

```
.background{ background-color: rgb(119,  
226, 119) }
```

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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