

Converting Colors

YUV(184.3650, -30.7459,
-31.8921)

Have a look what the booklet for
YUV(184.3650, -30.7459, -31.8921)
contains.

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Color

**YUV(184.3650, -30.7459,
-31.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	94D77A
RGB	148, 215, 122
RGB Percent	58%, 84%, 48%
CMY	0.4196, 0.1569, 0.5216
CMYK	0.31, 0.00, 0.43, 0.16
HSL	103°, 54%, 66%
HSV	103°, 43%, 84%
XYZ	40.0260, 56.3019, 27.1701
YIQ	184.3650, -10.0790, -43.1270

Conversions

Conversions Part 2

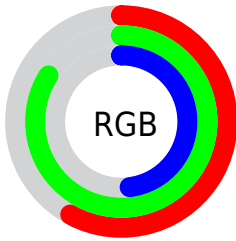
Format	Color
RYB	122, 215, 189
Decimal	9754490
CIELab	79.79, -38.09, 39.23
CIElCh	80, 54.683, 134.155
Yxy	56.3019, 0.3241, 0.4559
Android (android.graphics.Color)	4287944570 (0xFF94D77A)
YUV	184.3650, -30.7459, -31.8921
Hunter-Lab	75.0346, -36.0925, 31.0552

Details

The YUV color **184.3650, -30.7459, -31.8921** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.6350, 30.7459, 31.8921**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7450, -26.9893, -23.4554**, and **130.1200, -29.1462, -31.6772** is the 20% darker color. If you saturate the color by 10%, you get **177.4860, -37.7076, -39.0142**, and if you desaturate by 10%, it is **191.3580, -23.3475, -24.8700**.

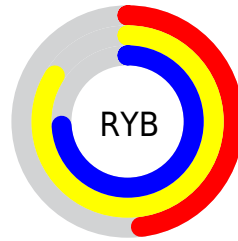
Distribution



Red (58%)

Green (84%)

Blue (48%)



Red (48%)

Yellow (84%)

Blue (74%)

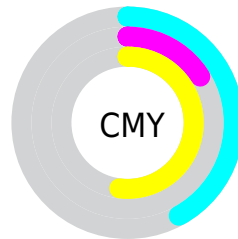


Cyan (31%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.3650, -30.7459, -31.8921 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 184.3650, -30.7459, -31.8921 by changing the saturation by 10% instead.

■ 184.3650,
-30.7459, -31.8921

■ 184.3650,
-30.7459, -31.8921

255.0000, 0.0000,
0.0000

■ 156.8920,
-30.0198, -31.4773

■ 230.7450,
-26.9893, -23.4554

■ 130.1200,
-29.1462, -31.6772

■ 242.6080,
-19.0337, -8.4262

■ 103.3480,
-28.2726, -31.8772

■ 252.3780,
-10.0464, 2.2995

■ 77.4510, -27.8303,
-33.7215

■ 49.6180, -24.4617,
-40.8840

■ 34.6330, -17.0741,
-30.3731

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 184.3650,
-30.7459, -31.8921

■ 184.3650,
-30.7459, -31.8921

■ 177.4860,
-37.7076, -39.0142

■ 191.3580,
-23.3475, -24.8700

■ 170.1940,
-44.9586, -46.6511

■ 198.5360,
-16.5332, -17.1331

■ 163.3150,
-51.9203, -53.7733

■ 205.5290, -9.1348,
-10.1109

■ 156.0230,
-59.1713, -61.4102

■ 212.7070, -2.3206,
-2.3740

■ 149.0300,
-66.5698, -68.4323

■ 219.7000, 5.0779,
4.6481

■ 144.1450,
-71.0635, -73.7952

■ 226.8780, 11.8921,
12.3850

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



191.2860, -47.4690, 12.0272



184.3650, -30.7459, -31.8921



169.4990, -0.7390, -89.8916

Triad

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



184.3650, -30.7459, -31.8921



152.9270, 50.3220, -134.1170



187.7670, -6.2941, 58.9633

Complementary

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



184.3650, -30.7459, -31.8921



152.6350, 30.7459, 31.8921

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.



195.4560, 15.5512, 52.2201



184.3650, -30.7459, -31.8921



190.4780, 31.8093, -29.3602

Square

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



184.3650, -30.7459, -31.8921



158.2100, 47.7175, -138.7502



201.4620, 26.3942, 27.6588



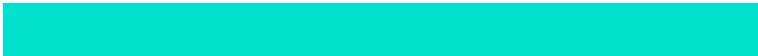
188.9800, -29.5701, 57.8995

Rectangle

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



184.3650, -30.7459, -31.8921



154.6300, 23.8464, -135.6105



201.4620, 26.3942, 27.6588



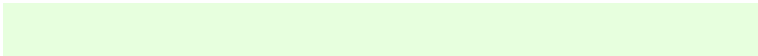
189.2320, 1.8576, 57.6785

Sweetspot

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



184.3650, -30.7459, -31.8921



244.0620, -10.8766, -11.4554



189.1360, -33.0980, 22.6827



121.1210, -6.9617, -7.1221



0.0000, 0.0000, 0.0000



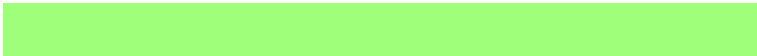
128.0000, 0.0000, 0.0000

Same Dimension

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



184.3650, -30.7459, -31.8921



211.1340, -43.9431, -45.7215



178.8710, -18.1774, -49.8759



103.3540, -3.6255, -3.8185



114.7290, -56.5614, -58.5213



28.8290, -14.2127, -14.7590

Inverse Universe

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



152.6350, 30.7459, 31.8921



165.8660, 43.9431, 45.7215



158.1290, 18.1774, 49.8759



99.6460, 3.6255, 3.8185



56.2710, 56.5614, 58.5213



14.1710, 14.2127, 14.7590

Previews

White Background



This preview shows how the YUV color 184.3650, -30.7459, -31.8921 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 184.3650, -30.7459, -31.8921 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 184.3650, -30.7459, -31.8921 Background



This preview shows how black text looks on a background with the YUV color 184.3650, -30.7459, -31.8921.



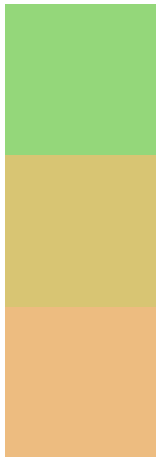
This preview shows how white text looks on a background with the YUV color 184.3650, -30.7459, -31.8921.

-31.8921.

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

184.3650, -30.7459, -31.8921

Protanopia

193.3330, -38.6182, 19.8790

Deuteranopia

195.8110, -33.4308, 36.1228



Tritanopia

193.8640, 12.8850, -26.1907

Trichromacy



Original Color

184.3650, -30.7459, -31.8921

Protanomaly

190.3090, -35.6483, 0.6060

Deuteranomaly

191.8850, -32.4813, 11.5019

Tritanomaly

190.3140, -3.1128, -28.3394

Monochromacy



Original Color

184.3650, -30.7459, -31.8921

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.9480, -11.3134, -11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.3650, -30.7459, -31.8921 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(148, 215, 122)` looks like.

```
.text, #text, p{  
    color:rgb(148, 215, 122)  
}
```

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(148, 215, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 215, 122) }
```

Border

The CSS property to change the border of an element to YUV 184.3650, -30.7459, -31.8921 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(148, 215, 122) }
```


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

```
.border{ border-color:rgb(148, 215, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 215, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 215, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 215, 122);  
box-shadow:4px 4px 4px 4px rgb(148, 215,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 184.3650, -30.7459, -31.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 215, 122) }
```

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

```
.background{ background-color: rgb(148,  
215, 122) }
```

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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