

Converting Colors

YUV(155.2870, -29.2285,
-51.9947)

Have a look what the booklet for
YUV(155.2870, -29.2285, -51.9947)
contains.

YUV(155.2870, -29.2285, -51.9947)	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(155.2870, -29.2285,
-51.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	60C560
RGB	96, 197, 96
RGB Percent	38%, 77%, 38%
CMY	0.6235, 0.2275, 0.6235
CMYK	0.51, 0.00, 0.51, 0.23
HSL	120°, 47%, 57%
HSV	120°, 51%, 77%
XYZ	26.9014, 43.2638, 17.9992
YIQ	155.2870, -27.7750, -52.8230

Conversions

Conversions Part 2

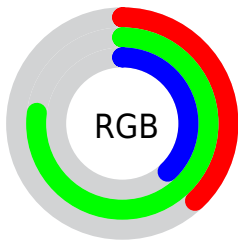
Format	Color
RYB	96, 197, 197
Decimal	6341984
CIELab	71.73, -49.88, 41.50
CIELCh	72, 64.886, 140.239
Yxy	43.2638, 0.3051, 0.4907
Android (android.graphics.Color)	4284532064 (0xFF60C560)
YUV	155.2870, -29.2285, -51.9947
Hunter-Lab	65.7752, -42.1019, 29.8181

Details

The YUV color **155.2870, -29.2285, -51.9947** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **137.7130, 29.2285, 51.9947**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8310, -30.9757, -51.5948**, and **98.0520, -26.1546, -57.9276** is the 20% darker color. If you saturate the color by 10%, you get **147.0270, -35.0163, -62.2907**, and if you desaturate by 10%, it is **163.5470, -23.4407, -41.6987**.

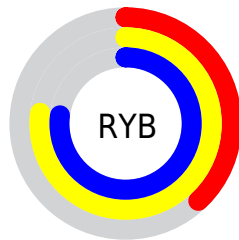
Distribution



Red (38%)

Green (77%)

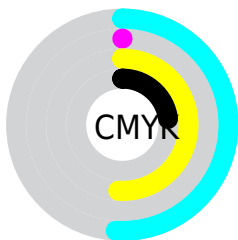
Blue (38%)



Red (38%)

Yellow (77%)

Blue (77%)

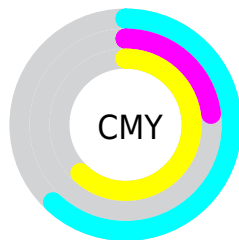


Cyan (51%)

Magenta (0%)

Yellow (51%)

Black (23%)



Cyan (62%)

Magenta (23%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2870, -29.2285, -51.9947 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 155.2870, -29.2285, -51.9947 by changing the saturation by 10% instead.

■ 155.2870,
-29.2285, -51.9947

■ 155.2870,
-29.2285, -51.9947

255.0000, 0.0000,
0.0000

■ 127.0310,
-27.6233, -53.5242

■ 211.8310,
-30.9757, -51.5948

■ 98.0520, -26.1546,
-57.9276

■ 224.1670,
-23.7463, -36.9805

■ 70.2580, -25.2702,
-61.6163

■ 236.0300,
-15.7908, -21.9513

■ 52.8300, -26.0452,
-46.3319

■ 248.1920, -7.9827,
-6.3074

■ 38.7420, -19.0998,
-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 155.2870,
-29.2285, -51.9947

■ 155.2870,
-29.2285, -51.9947

■ 147.0270,
-35.0163, -62.2907

■ 163.5470,
-23.4407, -41.6987

■ 139.1800,
-40.5147, -72.0719

■ 171.3940,
-17.9422, -31.9175

■ 130.9200,
-46.3026, -82.3678

■ 179.6540,
-12.1544, -21.6216

■ 122.6600,
-52.0904, -92.6638

■ 187.9140, -6.3666,
-11.3256

■ 115.6390,
-57.0100, -101.4154

■ 196.1740, -0.5788,
-1.0296

■ 204.0210, 4.9196,
8.7516

■ 212.2810, 10.7075,
19.0476

■ 220.5410, 16.4953,
29.3435

■ 220.9540, 16.7847,
29.8583

Harmonies

Analogous

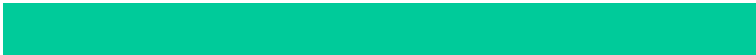
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9830, -54.7146, 2.6459



155.2870, -29.2285, -51.9947



136.7170, 8.5205, -119.9008

Triad

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



155.2870, -29.2285, -51.9947



139.4260, 56.9780, -122.2766



164.7650, -13.1951, 79.1361

Complementary

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



155.2870, -29.2285, -51.9947



137.7130, 29.2285, 51.9947

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.



171.0180, 13.3021, 73.6522



155.2870, -29.2285, -51.9947



170.1440, 41.8340, -24.6823

Square

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



155.2870, -29.2285, -51.9947



146.4700, 53.5053, -128.4542



181.1400, 34.9340, 41.9732



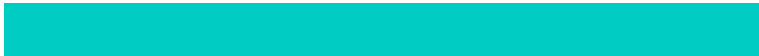
169.9900, -41.4071, 74.5538

Rectangle

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



155.2870, -29.2285, -51.9947



141.9780, 26.1398, -124.5147



181.1400, 34.9340, 41.9732



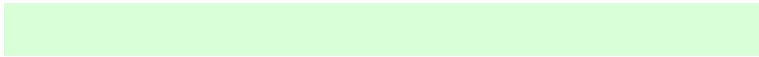
165.2840, -3.5910, 78.6809

Sweetspot

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



155.2870, -29.2285, -51.9947



239.3060, -10.9969, -19.5624



185.4860, -44.1166, 10.0978



118.5010, -6.6560, -11.8404



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.



155.2870, -29.2285, -51.9947



189.7460, -45.7238, -81.3382



161.1010, -6.9518, -57.0936



95.2830, -2.6045, -4.6332



95.6810, -47.1707, -83.9122



21.1320, -10.4181, -18.5328

Inverse Universe

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



137.7130, 29.2285, 51.9947



162.2540, 45.7238, 81.3382



132.0130, 7.3886, 56.9936



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 155.2870, -29.2285, -51.9947 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 155.2870, -29.2285, -51.9947 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 155.2870, -29.2285, -51.9947 Background



This preview shows how black text looks on a background with the YUV color 155.2870, -29.2285, -51.9947.



This preview shows how white text looks on a background with the YUV color 155.2870, -29.2285, -51.9947.

-51.9947.

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

155.2870, -29.2285, -51.9947

Protanopia

170.4640, -40.6548, 19.7641

Deuteranopia

173.2730, -34.1516, 33.9636



Tritanopia

167.6770, 16.4282, -42.6897

Trichromacy



Original Color

155.2870, -29.2285, -51.9947



Protanomaly

165.0370, -36.5002, -6.1714



Deuteranomaly

166.8300, -32.4542, 2.7801



Tritanomaly

163.3010, -0.1484, -45.8680

Monochromacy



Original Color

155.2870, -29.2285, -51.9947



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1320, -10.4181, -18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2870, -29.2285, -51.9947 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(96, 197, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 197, 96)  
}
```

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(96, 197, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 197, 96) }
```

Border

The CSS property to change the border of an element to YUV 155.2870, -29.2285, -51.9947 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(96, 197, 96) }
```


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

```
.border{ border-color:rgb(96, 197, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 197, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 197, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 197, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 197,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 155.2870, -29.2285, -51.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 197, 96) }
```

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

```
.background{ background-color: rgb(96, 197,  
96) }
```

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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