

Converting Colors

YUV(153.9070, -29.5342,
-47.2764)

Have a look what the booklet for
YUV(153.9070, -29.5342, -47.2764)
contains.

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Color

**YUV(153.9070, -29.5342,
-47.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	64C15E
RGB	100, 193, 94
RGB Percent	39%, 76%, 37%
CMY	0.6078, 0.2431, 0.6314
CMYK	0.48, 0.00, 0.51, 0.24
HSL	116°, 44%, 56%
HSV	116°, 51%, 76%
XYZ	26.3459, 41.6574, 17.2418
YIQ	153.9070, -23.6490, -50.5050

Conversions

Conversions Part 2

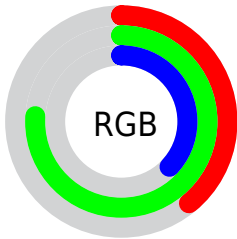
Format	Color
RYB	94, 193, 187
Decimal	6603102
CIELab	70.63, -47.41, 41.17
CIELCh	71, 62.792, 139.035
Yxy	41.6574, 0.3091, 0.4887
Android (android.graphics.Color)	4284793182 (0xFF64C15E)
YUV	153.9070, -29.5342, -47.2764
Hunter-Lab	64.5425, -40.0868, 29.3412

Details

The YUV color **153.9070, -29.5342, -47.2764** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **133.0930, 29.5342, 47.2764**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0380, -31.5707, -47.3913**, and **98.5690, -26.9025, -51.3650** is the 20% darker color. If you saturate the color by 10%, you get **146.3590, -35.1800, -56.4428**, and if you desaturate by 10%, it is **161.4550, -23.8883, -38.1100**.

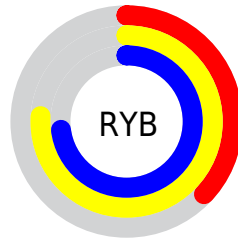
Distribution



Red (39%)

Green (76%)

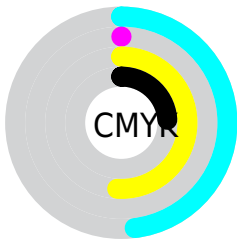
Blue (37%)



Red (37%)

Yellow (76%)

Blue (73%)

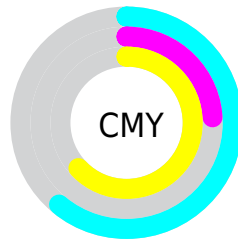


Cyan (48%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (61%)

Magenta (24%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9070, -29.5342, -47.2764 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 153.9070, -29.5342, -47.2764 by changing the saturation by 10% instead.

■ 153.9070,
-29.5342, -47.2764

■ 153.9070,
-29.5342, -47.2764

255.0000, 0.0000,
0.0000

■ 125.9500,
-28.0763, -48.1911

■ 210.0380,
-31.5707, -47.3913

■ 98.5690, -26.9025,
-51.3650

■ 224.8360,
-25.0621, -34.9362

■ 67.6820, -24.9862,
-59.3571

■ 236.5850,
-17.5434, -19.8070

■ 51.0690, -25.1770,
-44.7875

■ 248.8610, -9.2985,
-4.2631

■ 36.9810, -18.2316,
-32.4323

■ 24.6540, -12.1544,
-21.6216

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 153.9070,
-29.5342, -47.2764

■ 153.9070,
-29.5342, -47.2764

■ 146.3590,
-35.1800, -56.4428

■ 161.4550,
-23.8883, -38.1100

■ 138.6970,
-41.2626, -65.5093

■ 169.1170,
-17.8057, -29.0436

■ 131.1490,
-46.9085, -74.6757

■ 176.6650,
-12.1598, -19.8772

■ 123.3020,
-52.4069, -84.4569

■ 184.5120, -6.6614,
-10.0960

■ 116.8790,
-57.6213, -91.9789

■ 192.1740, -0.5788,
-1.0296

■ 199.7220, 5.0671,
8.1368

■ 207.2700, 10.7129,
17.3032

■ 214.8180, 16.3587,
26.4696

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



162.7490, -53.1203, 4.6051



153.9070, -29.5342, -47.2764



133.7990, 7.4941, -117.3417

Triad

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



153.9070, -29.5342, -47.2764



137.6650, 57.8462, -120.7322



163.7050, -12.1796, 80.0657

Complementary

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



153.9070, -29.5342, -47.2764



133.0930, 29.5342, 47.2764

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.



170.7900, 12.4285, 73.8522



153.9070, -29.5342, -47.2764



167.4750, 43.1498, -26.7266

Square

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



153.9070, -29.5342, -47.2764



144.1220, 54.6629, -126.3950



178.0040, 34.5080, 38.5845



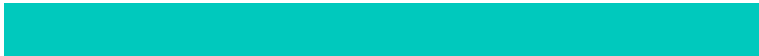
168.4570, -39.6653, 75.8982

Rectangle

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



153.9070, -29.5342, -47.2764



139.5330, 24.3872, -122.3704



178.0040, 34.5080, 38.5845



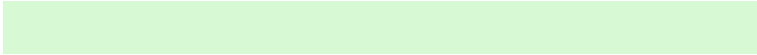
164.6970, -3.3016, 79.1957

Sweetspot

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



153.9070, -29.5342, -47.2764



235.2030, -11.4391, -17.7180



177.6050, -41.2173, 13.5014



116.0990, -6.9508, -10.6108



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



153.9070, -29.5342, -47.2764



188.6760, -46.1823, -74.2609



157.0150, -9.8674, -55.2642



93.1690, -3.0413, -4.5332



97.4970, -48.0660, -76.7349



19.9690, -9.8447, -15.7588

Inverse Universe

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



133.0930, 29.5342, 47.2764



156.3240, 46.1823, 74.2609



129.9850, 9.8674, 55.2642



90.8310, 3.0413, 4.5332



63.5030, 48.0660, 76.7349



13.0310, 9.8447, 15.7588

Previews

White Background



This preview shows how the YUV color 153.9070, -29.5342, -47.2764 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 153.9070, -29.5342, -47.2764 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 153.9070, -29.5342, -47.2764 Background



This preview shows how black text looks on a background with the YUV color 153.9070, -29.5342, -47.2764.



This preview shows how white text looks on a background with the YUV color 153.9070, -29.5342, -47.2764.

-47.2764.

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

153.9070, -29.5342, -47.2764

Protanopia

167.6920, -39.7812, 19.5641

Deuteranopia

170.2730, -34.1516, 33.9636



Tritanopia

165.3570, 15.1070, -38.9011

Trichromacy



Original Color

153.9070, -29.5342, -47.2764

Protanomaly

162.8630, -35.9215, -5.1419

Deuteranomaly

164.4280, -32.7490, 4.0096

Tritanomaly

161.0950, -1.0328, -42.1793

Monochromacy



Original Color

153.9070, -29.5342, -47.2764

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7300, -10.7129, -17.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9070, -29.5342, -47.2764 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(100, 193, 94)` looks like.

```
.text, #text, p{  
    color:rgb(100, 193, 94)  
}
```

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(100, 193, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 193, 94) }
```

Border

The CSS property to change the border of an element to YUV 153.9070, -29.5342, -47.2764 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(100, 193, 94) }
```


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

```
.border{ border-color:rgb(100, 193, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 193, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 193, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 193, 94);  
box-shadow:4px 4px 4px 4px rgb(100, 193,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 153.9070, -29.5342, -47.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 193, 94) }
```

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

```
.background{ background-color: rgb(100,  
193, 94) }
```

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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