

Converting Colors

YUV(142.2830, -16.4085,
-57.2532)

Have a look what the booklet for
YUV(142.2830, -16.4085, -57.2532)
contains.

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Color

**YUV(142.2830, -16.4085,
-57.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB66D
RGB	77, 182, 109
RGB Percent	30%, 71%, 43%
CMY	0.6980, 0.2863, 0.5725
CMYK	0.58, 0.00, 0.40, 0.29
HSL	138°, 42%, 51%
HSV	138°, 58%, 71%
XYZ	22.5488, 36.1378, 20.2548
YIQ	142.2830, -39.1470, -44.9630

Conversions

Conversions Part 2

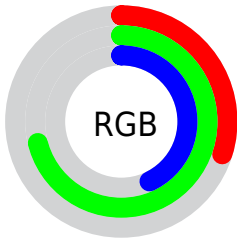
Format	Color
RYB	77, 157, 182
Decimal	5092973
CIELab	66.63, -46.62, 28.29
CIElCh	67, 54.527, 148.750
Yxy	36.1378, 0.2856, 0.4578
Android (android.graphics.Color)	4283283053 (0xFF4DB66D)
YUV	142.2830, -16.4085, -57.2532
Hunter-Lab	60.1147, -38.2460, 22.1033

Details

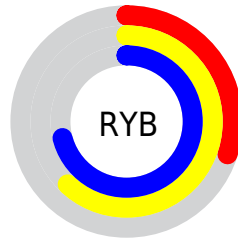
The YUV color **142.2830, -16.4085, -57.2532** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **116.7170, 16.4085, 57.2532**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7130, -18.5925, -56.7533**, and **81.9760, -10.8342, -71.8930** is the 20% darker color. If you saturate the color by 10%, you get **135.4190, -19.4336, -67.0195**, and if you desaturate by 10%, it is **149.1470, -13.3835, -47.4869**.

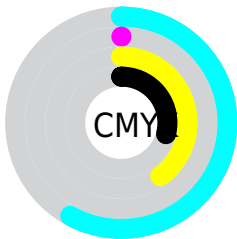
Distribution



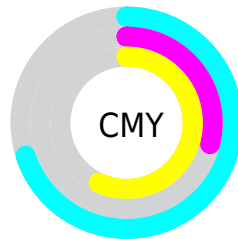
- Red (30%)
- Green (71%)
- Blue (43%)



- Red (30%)
- Yellow (62%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (40%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2830, -16.4085, -57.2532 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 142.2830, -16.4085, -57.2532 by changing the saturation by 10% instead.

■ 142.2830,
-16.4085, -57.2532

■ 142.2830,
-16.4085, -57.2532

■ 255.0000, 0.0000,
0.0000

■ 114.3150,
-14.9453, -59.9123

■ 198.7130,
-18.5925, -56.7533

■ 81.9760, -10.8342,
-71.8930

■ 219.9680,
-15.2672, -49.9609

■ 64.0920, -13.3564,
-56.2087

■ 231.7170, -7.7485,
-34.8318

■ 46.7950, -16.1679,
-41.0392

■ 243.6940, 0.6439,
-19.9026

■ 31.1110, -15.3377,
-27.2843

■ 253.8040, 0.5896,
-2.4591

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 142.2830,
-16.4085, -57.2532

■ 142.2830,
-16.4085, -57.2532

■ 135.4190,
-19.4336, -67.0195

■ 149.1470,
-13.3835, -47.4869

■ 128.6690,
-22.0218, -76.8857

■ 155.8970,
-10.7952, -37.6207

■ 121.5060,
-24.8995, -87.2668

■ 163.0600, -7.9176,
-27.2396

■ 114.6420,
-27.9245, -97.0330

■ 169.9240, -4.8925,
-17.4733

■ 113.1040,
-28.6453, -99.1922

■ 176.6740, -2.3043,
-7.6071

■ 183.5380, 0.7208,
2.1592

■ 190.4020, 3.7458,
11.9254

■ 197.4510, 6.1867,
22.4065

■ 204.3150, 9.2117,
32.1727

Harmonies

Analogous

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



152.1030, -39.9838, -8.8603



142.2830, -16.4085, -57.2532



127.1940, 15.1874, -111.5491

Triad

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



142.2830, -16.4085, -57.2532



141.4400, 55.9851, -83.7009



161.2890, -21.3415, 78.6765

Complementary

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



142.2830, -16.4085, -57.2532



116.7170, 16.4085, 57.2532

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.



163.2280, 1.3666, 75.2220



142.2830, -16.4085, -57.2532



164.4610, 41.1847, -3.0353

Square

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



142.2830, -16.4085, -57.2532



133.5900, 54.9251, -117.1584



166.4860, 23.4244, 46.9318



159.5430, -40.2007, 60.9138

Rectangle

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



142.2830, -16.4085, -57.2532



131.0700, 30.0385, -114.9484



166.4860, 23.4244, 46.9318



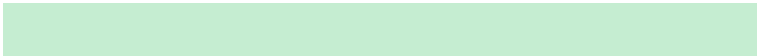
161.2490, -13.9268, 80.4656

Sweetspot

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



142.2830, -16.4085, -57.2532



221.8480, -6.3341, -21.7917



160.7610, -41.2942, -8.5604



110.8860, -3.8878, -13.0550



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



142.2830, -16.4085, -57.2532



175.2670, -25.7676, -88.8112



148.2110, 6.3050, -62.4520



88.5110, -1.7309, -4.8331



96.9300, -24.6155, -85.0076



17.4620, -4.1718, -15.3142

Inverse Universe

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



116.7170, 16.4085, 57.2532



135.6190, 25.3308, 88.9111



110.7890, -6.3050, 62.4520



86.3750, 1.2941, 4.9331



58.9560, 24.1787, 85.1076



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 142.2830, -16.4085, -57.2532 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 142.2830, -16.4085, -57.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

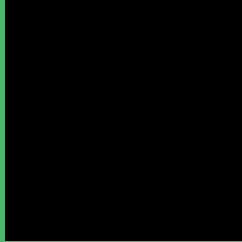
Any Text WCAG AA ✓ Pass

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 142.2830, -16.4085, -57.2532 Background



This preview shows how black text looks on a background with the YUV color 142.2830, -16.4085, -57.2532.



This preview shows how white text looks on a background with the YUV color 142.2830, -16.4085, -57.2532.

-57.2532.

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

142.2830, -16.4085, -57.2532

Protanopia

158.3460, -28.2716, 14.6056

Deuteranopia

160.6170, -22.4892, 26.6459



Tritanopia

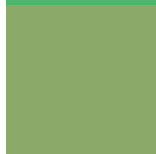
152.1710, 17.1707, -47.5080

Trichromacy



Original Color

142.2830, -16.4085, -57.2532



Protanomaly

152.6200, -23.9697, -11.9447



Deuteranomaly

154.0000, -20.2130, -3.5080



Tritanomaly

148.3480, 5.2514, -51.1712

Monochromacy



Original Color

142.2830, -16.4085, -57.2532



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.2610, -6.0447, -21.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2830, -16.4085, -57.2532 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(77, 182, 109)` looks like.

```
.text, #text, p{  
    color:rgb(77, 182, 109)  
}
```

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(77, 182, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 182, 109) }
```

Border

The CSS property to change the border of an element to YUV 142.2830, -16.4085, -57.2532 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(77, 182, 109) }
```


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

```
.border{ border-color:rgb(77, 182, 109) }
```

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

Here you see how a box with a 4 pixel rgb(77, 182, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 182, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 182, 109);  
box-shadow:4px 4px 4px 4px rgb(77, 182,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 142.2830, -16.4085, -57.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 182, 109) }
```

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

```
.background{ background-color: rgb(77, 182,  
109) }
```

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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