

Converting Colors

YUV(129.3400, -6.0836,
-55.5492)

Have a look what the booklet for
YUV(129.3400, -6.0836, -55.5492)
contains.

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Color

**YUV(129.3400, -6.0836,
-55.5492)**

Conversions

Conversions Part 1

Format	Color
Hex	42A475
RGB	66, 164, 117
RGB Percent	26%, 64%, 46%
CMY	0.7412, 0.3569, 0.5412
CMYK	0.60, 0.00, 0.29, 0.36
HSL	151°, 43%, 45%
HSV	151°, 60%, 64%
XYZ	18.7331, 28.9935, 21.4386
YIQ	129.3400, -43.3210, -35.3930

Conversions

Conversions Part 2

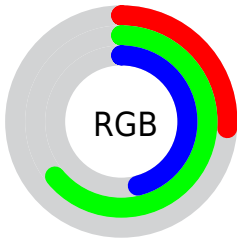
Format	Color
RYB	66, 130, 164
Decimal	4367477
CIELab	60.78, -39.95, 16.02
CIElCh	61, 43.045, 158.151
Yxy	28.9935, 0.2708, 0.4192
Android (android.graphics.Color)	4282557557 (0xFF42A475)
YUV	129.3400, -6.0836, -55.5492
Hunter-Lab	53.8456, -32.1290, 14.0857

Details

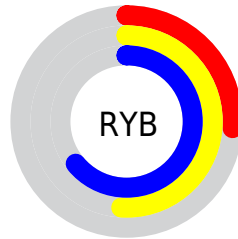
The YUV color **129.3400, -6.0836, -55.5492** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **100.6600, 6.0836, 55.5492**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1830, -7.9782, -54.5345**, and **73.0230, -1.9833, -64.0412** is the 20% darker color. If you saturate the color by 10%, you get **123.6440, -7.2195, -64.5858**, and if you desaturate by 10%, it is **135.0360, -4.9477, -46.5126**.

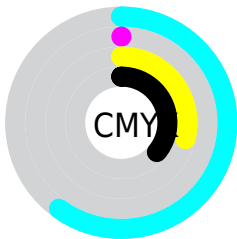
Distribution



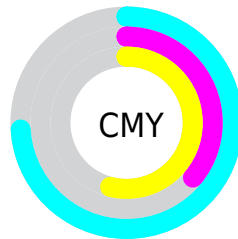
- Red (26%)
- Green (64%)
- Blue (46%)



- Red (26%)
- Yellow (51%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (74%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3400, -6.0836, -55.5492 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 129.3400, -6.0836, -55.5492 by changing the saturation by 10% instead.

■ 129.3400, -6.0836,
-55.5492

■ 129.3400, -6.0836,
-55.5492

255.0000, 0.0000,
0.0000

■ 101.0730, -4.4730,
-58.8230

■ 185.1830, -7.9782,
-54.5345

■ 73.0230, -1.9833,
-64.0412

■ 213.1830, -7.9782,
-54.5345

■ 55.7260, -4.7949,
-48.8717

■ 228.8560, -1.9010,
-43.7237

■ 39.2440, -7.0223,
-34.4170

■ 240.7190, 6.0545,
-28.6946

■ 23.4800, -11.5756,
-20.5920

■ 249.6180, 2.6533,
-11.0660

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,

0.0000

■ 129.3400, -6.0836,
-55.5492

■ 129.3400, -6.0836,
-55.5492

■ 123.6440, -7.2195,
-64.5858

■ 135.0360, -4.9477,
-46.5126

■ 117.6490, -8.2080,
-74.2372

■ 141.0310, -3.9593,
-36.8612

■ 111.9530, -9.3438,
-83.2738

■ 146.7270, -2.8234,
-27.8246

■ 106.0720, -9.8955,
-93.0251

■ 152.6080, -2.2717,
-18.0732

■ 105.9580,
-10.3323, -92.9252

■ 158.3040, -1.1359,
-9.0366

■ 164.0000, 0.0000,
0.0000

■ 169.9950, 0.9885,
9.6514

■ 175.6910, 2.1243,
18.6880

■ 181.6860, 3.1128,
28.3394

Harmonies

Analogous

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



138.0170, -26.1374, -16.6779



129.3400, -6.0836, -55.5492



115.2260, 20.1016, -101.0532

Triad

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



129.3400, -6.0836, -55.5492



142.0950, 39.3932, -35.1633



147.2280, -22.2974, 58.5590

Complementary

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



129.3400, -6.0836, -55.5492



100.6600, 6.0836, 55.5492

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.



148.4190, -5.1366, 61.0225



129.3400, -6.0836, -55.5492



150.4060, 27.9008, 11.0449

Square

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



129.3400, -6.0836, -55.5492



117.3700, 48.6246, -102.9335



150.9020, 12.3733, 44.8129



145.3170, -34.1733, 40.9410

Rectangle

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



129.3400, -6.0836, -55.5492



117.4890, 31.3109, -103.0379



150.9020, 12.3733, 44.8129



147.0310, -16.7773, 61.3628

Sweetspot

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



129.3400, -6.0836, -55.5492



200.5860, -2.2609, -21.5619



137.5790, -35.2884, -21.5558



98.8690, -1.4144, -13.0401



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



129.3400, -6.0836, -55.5492



159.5180, -9.6224, -87.2773



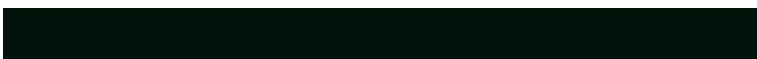
133.5240, 15.0247, -59.2185



78.8530, -0.4205, -5.1331



93.7790, -8.7650, -82.2442



11.5920, -1.2779, -10.1662

Inverse Universe

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



100.6600, 6.0836, 55.5492



114.4820, 9.6224, 87.2773



96.4760, -15.0247, 59.2185



76.1470, 0.4205, 5.1331



51.3350, 9.2018, 82.1442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 129.3400, -6.0836, -55.5492 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3400, -6.0836, -55.5492 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.3400, -6.0836, -55.5492 Background



This preview shows how black text looks on a background with the YUV color 129.3400, -6.0836, -55.5492.



This preview shows how white text looks on a background with the YUV color 129.3400, -6.0836, -55.5492.

-55.5492.

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

129.3400, -6.0836, -55.5492

Protanopia

144.1850, -17.3462, 10.3618

Deuteranopia

146.3200, -11.9898, 19.0134



Tritanopia

136.3560, 16.5865, -46.7932

Trichromacy



Original Color

129.3400, -6.0836, -55.5492

Protanomaly

138.7690, -13.1971, -13.8294

Deuteranomaly

140.3120, -10.0138, -8.1666

Tritanomaly

134.1570, 8.3036, -50.1267

Monochromacy



Original Color

129.3400, -6.0836, -55.5492

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2980, -2.1189, -20.4323

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3400, -6.0836, -55.5492 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(66, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(66, 164, 117)  
}
```

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(66, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 164, 117) }
```

Border

The CSS property to change the border of an element to YUV 129.3400, -6.0836, -55.5492 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(66, 164, 117) }
```


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

```
.border{ border-color:rgb(66, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(66, 164,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 129.3400, -6.0836, -55.5492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 164, 117) }
```

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

```
.background{ background-color: rgb(66, 164,  
117) }
```

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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