

Converting Colors

YUV(129.7840, -19.6135,
-55.9386)

Have a look what the booklet for
YUV(129.7840, -19.6135, -55.9386)
contains.

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Color

**YUV(129.7840, -19.6135,
-55.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	42AA5A
RGB	66, 170, 90
RGB Percent	26%, 67%, 35%
CMY	0.7412, 0.3333, 0.6471
CMYK	0.61, 0.00, 0.47, 0.33
HSL	134°, 44%, 46%
HSV	134°, 61%, 67%
XYZ	18.4670, 30.6459, 14.6148
YIQ	129.7840, -36.3040, -46.9280

Conversions

Conversions Part 2

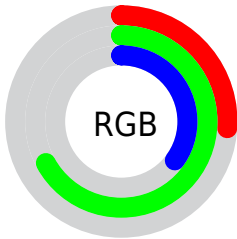
Format	Color
RYB	66, 151, 170
Decimal	4368986
CIELab	62.21, -47.51, 32.44
CIELCh	62, 57.526, 145.674
Yxy	30.6459, 0.2898, 0.4809
Android (android.graphics.Color)	4282559066 (0xFF42AA5A)
YUV	129.7840, -19.6135, -55.9386
Hunter-Lab	55.3587, -37.3325, 23.0984

Details

The YUV color **129.7840, -19.6135, -55.9386** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **106.2160, 19.6135, 55.9386**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8120, -22.0923, -54.2091**, and **73.4670, -15.5132, -64.4306** is the 20% darker color. If you saturate the color by 10%, you get **123.2190, -22.7860, -65.0901**, and if you desaturate by 10%, it is **136.3490, -16.4411, -46.7871**.

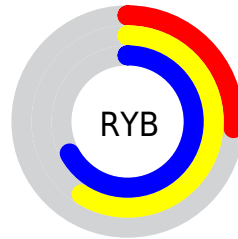
Distribution



Red (26%)

Green (67%)

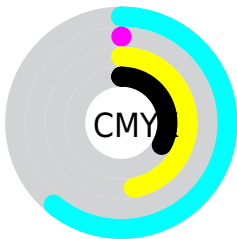
Blue (35%)



Red (26%)

Yellow (59%)

Blue (67%)

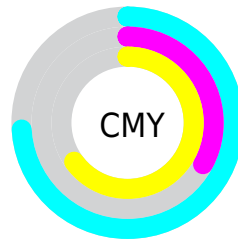


Cyan (61%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (74%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7840, -19.6135, -55.9386 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 129.7840, -19.6135, -55.9386 by changing the saturation by 10% instead.

■ 129.7840,
-19.6135, -55.9386

■ 129.7840,
-19.6135, -55.9386

■ 255.0000, 0.0000,
0.0000

■ 101.0330,
-17.2713, -60.5419

■ 185.8120,
-22.0923, -54.2091

■ 73.4670, -15.5132,
-64.4306

■ 214.2850,
-22.8185, -54.6239

■ 55.4690, -18.4722,
-48.6463

■ 226.1480,
-14.8630, -39.5948

■ 39.3290, -19.3892,
-34.4915

■ 238.0110, -6.9074,
-24.5656

■ 26.4150, -13.0226,
-23.1660

■ 250.2870, 1.3375,
-9.0217

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,

0.0000

■ 129.7840,
-19.6135, -55.9386

■ 129.7840,
-19.6135, -55.9386

■ 123.2190,
-22.7860, -65.0901

■ 136.3490,
-16.4411, -46.7871

■ 116.6540,
-25.9584, -74.2416

■ 142.9140,
-13.2686, -37.6356

■ 110.0890,
-29.1309, -83.3931

■ 149.4790,
-10.0961, -28.4841

■ 104.2360,
-32.1613, -91.4150

■ 156.0440, -6.9237,
-19.3326

■ 162.6090, -3.7512,
-10.1811

■ 169.1740, -0.5788,
-1.0296

■ 175.8530, 3.0305,
8.0219

■ 182.4180, 6.2029,
17.1734

■ 188.9830, 9.3754,
26.3249

Harmonies

Analogous

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



139.8000, -43.7784, -5.0866



129.7840, -19.6135, -55.9386



118.7990, 10.9451, -104.1867

Triad

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



129.7840, -19.6135, -55.9386



121.4740, 64.3493, -106.5327



148.1800, -19.3157, 82.2801

Complementary

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



129.7840, -19.6135, -55.9386



106.2160, 19.6135, 55.9386

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.



150.4500, 4.7082, 76.7814



129.7840, -19.6135, -55.9386



151.4430, 45.1376, -10.9125

Square

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



129.7840, -19.6135, -55.9386



126.4660, 53.0143, -110.9107



154.3870, 26.9242, 44.3876



147.2770, -40.0696, 65.5321

Rectangle

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



129.7840, -19.6135, -55.9386



122.7890, 26.2330, -107.6860



154.3870, 26.9242, 44.3876



148.3680, -11.0274, 83.8693

Sweetspot

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



129.7840, -19.6135, -55.9386



206.5060, -7.6445, -21.4918



151.2670, -42.0366, -3.7422



102.6580, -4.7614, -12.8551



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



129.7840, -19.6135, -55.9386



159.3120, -30.7198, -87.0966



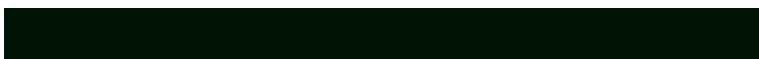
135.5980, 2.6632, -61.0374



80.9240, -1.4415, -4.3183



90.7520, -27.9787, -79.5895



12.3100, -3.6038, -10.7959

Inverse Universe

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



106.2160, 19.6135, 55.9386



122.5740, 30.2830, 87.1966



100.4020, -2.6632, 61.0374



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 129.7840, -19.6135, -55.9386 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 129.7840, -19.6135, -55.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

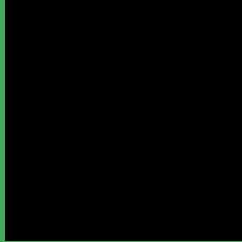
Any Text WCAG AA ✓ Pass

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 129.7840, -19.6135, -55.9386 Background



This preview shows how black text looks on a background with the YUV color 129.7840, -19.6135, -55.9386.



This preview shows how white text looks on a background with the YUV color 129.7840, -19.6135, -55.9386.

-55.9386.

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

129.7840, -19.6135, -55.9386

Protanopia

145.9610, -31.0398, 15.8202

Deuteranopia

148.8190, -25.5468, 27.3457



Tritanopia

140.9540, 16.2917, -45.5637

Trichromacy



Original Color

129.7840, -19.6135, -55.9386



Protanomaly

140.2350, -26.7379, -10.7301



Deuteranomaly

142.0880, -23.7074, -2.7082



Tritanomaly

136.7890, 3.0620, -48.9270

Monochromacy



Original Color

129.7840, -19.6135, -55.9386



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7840, -19.6135, -55.9386 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, 170, 90)` looks like.

```
.text, #text, p{  
    color:rgb(66, 170, 90)  
}
```

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, 170, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 170, 90) }
```

Border

The CSS property to change the border of an element to YUV 129.7840, -19.6135, -55.9386 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, 170, 90) }
```


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

```
.border{ border-color:rgb(66, 170, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 170, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 170, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 170, 90);  
box-shadow:4px 4px 4px 4px rgb(66, 170,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 129.7840, -19.6135, -55.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 170, 90) }
```

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

```
.background{ background-color: rgb(66, 170,  
90) }
```

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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