

Converting Colors

YUV(127.7320, -10.7139,
-63.7860)

Have a look what the booklet for
YUV(127.7320, -10.7139, -63.7860)
contains.

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Color

**YUV(127.7320, -10.7139,
-63.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	37A96A
RGB	55, 169, 106
RGB Percent	22%, 66%, 42%
CMY	0.7843, 0.3373, 0.5843
CMYK	0.67, 0.00, 0.37, 0.34
HSL	147°, 51%, 44%
HSV	147°, 67%, 66%
XYZ	18.3650, 30.2288, 18.5025
YIQ	127.7320, -47.7210, -43.7610

Conversions

Conversions Part 2

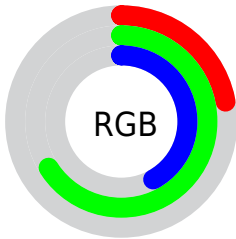
Format	Color
RYB	55, 134, 169
Decimal	3647850
CIELab	61.85, -46.51, 23.45
CIElCh	62, 52.082, 153.243
Yxy	30.2288, 0.2737, 0.4505
Android (android.graphics.Color)	4281837930 (0xFF37A96A)
YUV	127.7320, -10.7139, -63.7860
Hunter-Lab	54.9807, -36.5924, 18.5338

Details

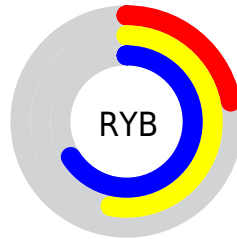
The YUV color **127.7320, -10.7139, -63.7860** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **96.2680, 10.7139, 63.7860**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4720, -13.0507, -60.9269**, and **74.7040, -8.2351, -65.5154** is the 20% darker color. If you saturate the color by 10%, you get **121.6230, -12.1391, -73.3374**, and if you desaturate by 10%, it is **133.8410, -9.2886, -54.2346**.

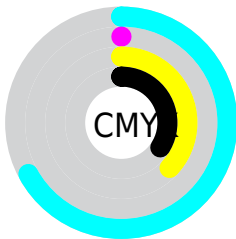
Distribution



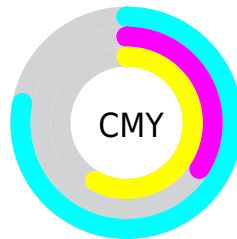
- Red (22%)
- Green (66%)
- Blue (42%)



- Red (22%)
- Yellow (53%)
- Blue (66%)



- Cyan (67%)
- Magenta (0%)
- Yellow (37%)
- Black (34%)



- Cyan (78%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7320, -10.7139, -63.7860 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 127.7320, -10.7139, -63.7860 by changing the saturation by 10% instead.

■ 127.7320,
-10.7139, -63.7860

■ 127.7320,
-10.7139, -63.7860

■ 255.0000, 0.0000,
0.0000

■ 95.8770, -7.3344,
-74.4371

■ 184.4720,
-13.0507, -60.9269

■ 74.7040, -8.2351,
-65.5154

■ 213.2440,
-13.9243, -60.7270

■ 56.8200, -10.7573,
-49.8311

■ 225.6940, -6.2581,
-46.2126

■ 40.2240, -13.4214,
-35.2764

■ 237.5570, 1.6974,
-31.1835

■ 25.8280, -12.7332,
-22.6512

■ 247.8240, 3.5378,
-14.7546

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,

0.0000

■ 127.7320,
-10.7139, -63.7860

■ 127.7320,
-10.7139, -63.7860

■ 121.6230,
-12.1391, -73.3374

■ 133.8410, -9.2886,
-54.2346

■ 115.4000,
-14.0012, -82.7888

■ 140.0640, -7.4266,
-44.7831

■ 109.2910,
-15.4265, -92.3402

■ 146.1730, -6.0013,
-35.2317

■ 107.8670,
-15.7104, -94.5994

■ 152.2820, -4.5760,
-25.6803

■ 158.2060, -2.5666,
-16.8437

■ 164.3150, -1.1413,
-7.2923

■ 170.4240, 0.2840,
2.2592

■ 176.6470, 2.1460,
11.7106

■ 182.7560, 3.5713,
21.2620

Harmonies

Analogous

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



139.0360, -35.0207, -14.0636



127.7320, -10.7139, -63.7860



118.4060, 17.0548, -103.8421

Triad

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



127.7320, -10.7139, -63.7860



136.8340, 51.8468, -62.9984



148.0880, -23.2144, 72.7138

Complementary

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



127.7320, -10.7139, -63.7860



96.2680, 10.7139, 63.7860

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.



149.7070, -1.8276, 73.0480



127.7320, -10.7139, -63.7860



152.3650, 36.7951, 4.9419

Square

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



127.7320, -10.7139, -63.7860



123.1890, 53.1508, -108.0368



153.3570, 19.0510, 49.6759



147.2000, -40.0316, 53.3216

Rectangle

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



127.7320, -10.7139, -63.7860



121.9400, 30.5956, -106.9414



153.3570, 19.0510, 49.6759



148.3470, -15.9471, 75.1177

Sweetspot

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



127.7320, -10.7139, -63.7860



203.1080, -3.9972, -24.6507



141.3530, -42.5720, -18.7266



100.2170, -2.5720, -15.0993



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.7320, -10.7139, -63.7860



154.9050, -16.7152, -99.0177



134.0020, 13.3100, -69.2848



81.0380, -1.0047, -4.4183



94.4000, -14.0012, -82.7888



12.7660, -1.8566, -11.1958

Inverse Universe

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



96.2680, 10.7139, 63.7860



106.0950, 16.7152, 99.0177



89.9980, -13.3100, 69.2848



78.8480, 0.5679, 4.5183



53.6000, 14.0012, 82.7888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 127.7320, -10.7139, -63.7860 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 127.7320, -10.7139, -63.7860 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 127.7320, -10.7139, -63.7860 Background



This preview shows how black text looks on a background with the YUV color 127.7320, -10.7139, -63.7860.



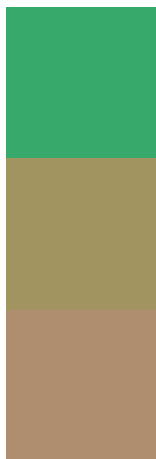
This preview shows how white text looks on a background with the YUV color 127.7320, -10.7139, -63.7860.

-63.7860.

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

127.7320, -10.7139, -63.7860

Protanopia

146.0730, -24.1930, 13.0910

Deuteranopia

148.4470, -17.9684, 23.2870



Tritanopia

137.9640, 17.7657, -51.7114

Trichromacy



Original Color

127.7320, -10.7139, -63.7860

Protanomaly

139.4500, -19.4488, -15.3036

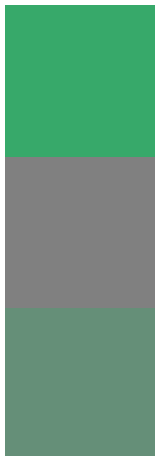
Deuteranomaly

140.9330, -15.2500, -8.7112

Tritanomaly

134.1840, 7.3043, -56.2894

Monochromacy



Original Color

127.7320, -10.7139, -63.7860

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8200, -3.8553, -23.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7320, -10.7139, -63.7860 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(55, 169, 106)` looks like.

```
.text, #text, p{  
    color:rgb(55, 169, 106)  
}
```

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(55, 169, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 169, 106) }
```

Border

The CSS property to change the border of an element to YUV 127.7320, -10.7139, -63.7860 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(55, 169, 106) }
```


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

```
.border{ border-color:rgb(55, 169, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 169, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 169, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 169, 106);  
box-shadow:4px 4px 4px 4px rgb(55, 169,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 127.7320, -10.7139, -63.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 169, 106) }
```

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

```
.background{ background-color: rgb(55, 169,  
106) }
```

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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