

Converting Colors

YUV(127.0390, 0.4738,
-58.7932)

Have a look what the booklet for
YUV(127.0390, 0.4738, -58.7932)
contains.

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Color

**YUV(127.0390, 0.4738,
-58.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA180
RGB	60, 161, 128
RGB Percent	24%, 63%, 50%
CMY	0.7647, 0.3686, 0.4980
CMYK	0.63, 0.00, 0.20, 0.37
HSL	160°, 46%, 43%
HSV	160°, 63%, 63%
XYZ	18.5046, 28.0089, 24.8530
YIQ	127.0390, -49.6030, -31.6750

Conversions

Conversions Part 2

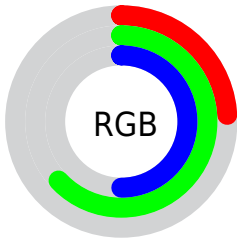
Format	Color
RYB	60, 120, 161
Decimal	3973504
CIELab	59.90, -37.35, 8.63
CIELCh	60, 38.335, 166.992
Yxy	28.0089, 0.2593, 0.3925
Android (android.graphics.Color)	4282163584 (0xFF3CA180)
YUV	127.0390, 0.4738, -58.7932
Hunter-Lab	52.9234, -30.2037, 9.2036

Details

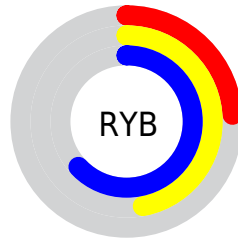
The YUV color $127.0390, 0.4738, -58.7932$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $93.9610, -0.4738, 58.7932$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.7080, -0.8420, -56.7489$, and $72.9890, 2.9634, -64.0114$ is the 20% darker color. If you saturate the color by 10%, you get $121.6850, 0.6483, -68.1297$, and if you desaturate by 10%, it is $132.3930, 0.2993, -49.4567$.

Distribution



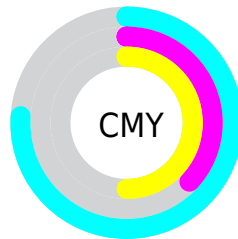
- Red (24%)
- Green (63%)
- Blue (50%)



- Red (24%)
- Yellow (47%)
- Blue (63%)



- Cyan (63%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (76%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0390, 0.4738, -58.7932 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 127.0390, 0.4738, -58.7932 by changing the saturation by 10% instead.

■ 127.0390, 0.4738,
-58.7932

■ 127.0390, 0.4738,
-58.7932

■ 255.0000, 0.0000,
0.0000

■ 97.8750, 2.5266,
-63.9114

■ 182.7080, -0.8420,
-56.7489

■ 72.9890, 2.9634,
-64.0114

■ 211.1810, -1.5682,
-57.1637

■ 55.6920, 0.1518,
-48.8419

■ 228.7290, 4.0776,
-47.9973

■ 39.0960, -2.5123,
-34.2872

■ 239.4520, 7.6652,
-31.9684

■ 24.3750, -5.6079,
-21.3769

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 127.0390, 0.4738,
-58.7932

■ 127.0390, 0.4738,
-58.7932

■ 121.6850, 0.6483,
-68.1297

■ 132.3930, 0.2993,
-49.4567

■ 116.2170, 0.3860,
-77.3663

■ 137.8610, 0.5615,
-40.2201

■ 110.8630, 0.5605,
-86.7029

■ 143.2150, 0.3870,
-30.8836

■ 106.8190, 0.5822,
-93.6803

■ 148.5690, 0.2125,
-21.5470

■ 154.2220, -0.1094,
-11.5957

■ 159.6900, 0.1528,
-2.3591

■ 165.0440, -0.0217,
6.9774

■ 170.3980, -0.1962,

16.3140

■ 175.7520, -0.3707,
25.6505

Harmonies

Analogous

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



134.9220, -18.6955, -23.6106



127.0390, 0.4738, -58.7932



113.6760, 24.3167, -99.6939

Triad

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



127.0390, 0.4738, -58.7932



143.9680, 32.0608, -16.6349



144.4180, -23.8701, 49.6224

Complementary

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



127.0390, 0.4738, -58.7932



93.9610, -0.4738, 58.7932

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.



146.1210, -9.9197, 55.1449



127.0390, 0.4738, -58.7932



148.3380, 21.0324, 20.7516

Square

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



127.0390, 0.4738, -58.7932



130.5060, 39.1905, -63.5878



147.8930, 5.9688, 45.6978



142.5330, -31.8148, 31.1046

Rectangle

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



127.0390, 0.4738, -58.7932



114.8960, 34.0683, -100.7638



147.8930, 5.9688, 45.6978



144.8790, -19.6603, 52.7261

Sweetspot

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



127.0390, 0.4738, -58.7932



195.5580, 0.2179, -23.2914



129.4530, -34.2403, -31.0923



96.9120, 0.0434, -13.9548



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



127.0390, 0.4738, -58.7932



156.2430, 0.8662, -91.4211



120.8220, 19.8078, -53.3409



78.9670, 0.0163, -5.2331



96.2870, 0.8445, -84.4437



11.9340, 0.0325, -10.4661

Inverse Universe

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



93.9610, -0.4738, 58.7932



104.8710, -0.4294, 91.3211



100.1780, -19.8078, 53.3409



76.0330, -0.0163, 5.2331



48.7130, -0.8445, 84.4437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 127.0390, 0.4738, -58.7932 looks on a white background.

Color Contrast Check

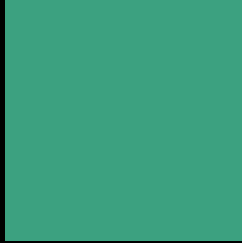
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0390, 0.4738, -58.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

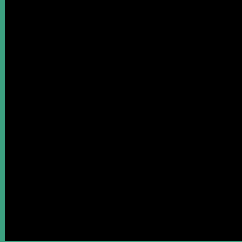
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0390, 0.4738, -58.7932

Background



This preview shows how black text looks on a background with the YUV color 127.0390, 0.4738, -58.7932.



This preview shows how white text looks on a background with the YUV color 127.0390, 0.4738,

-58.7932.

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

127.0390, 0.4738, -58.7932

Protanopia

142.6560, -11.6624, 7.3177

Deuteranopia

144.3070, -5.5744, 14.6398



Tritanopia

133.1490, 17.1815, -50.9967

Trichromacy



Original Color

127.0390, 0.4738, -58.7932

Protanomaly

137.2400, -7.5133, -16.8735

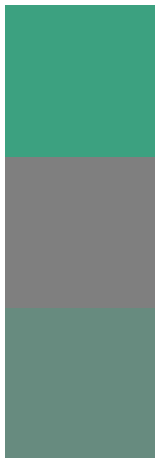
Deuteranomaly

137.7120, -3.3090, -12.0254

Tritanomaly

131.1180, 10.7878, -53.6005

Monochromacy



Original Color

127.0390, 0.4738, -58.7932

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0390, 0.4738, -58.7932 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(60, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(60, 161, 128)  
}
```

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(60, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 161, 128) }
```

Border

The CSS property to change the border of an element to YUV 127.0390, 0.4738, -58.7932 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(60, 161, 128) }
```


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

```
.border{ border-color:rgb(60, 161, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(60, 161,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 127.0390, 0.4738, -58.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 161, 128) }
```

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

```
.background{ background-color: rgb(60, 161,  
128) }
```

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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