

Converting Colors

YUV(129.4660, 13.0813,
-42.5047)

Have a look what the booklet for
YUV(129.4660, 13.0813, -42.5047)
contains.

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Color

**YUV(129.4660, 13.0813,
-42.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	51959C
RGB	81, 149, 156
RGB Percent	32%, 58%, 61%
CMY	0.6824, 0.4157, 0.3882
CMYK	0.48, 0.04, 0.00, 0.39
HSL	186°, 32%, 46%
HSV	186°, 48%, 61%
XYZ	20.1415, 25.6445, 35.3408
YIQ	129.4660, -42.7750, -12.2390

Conversions

Conversions Part 2

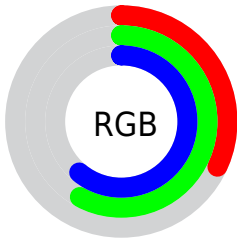
Format	Color
R_{YB}	81, 117, 156
Decimal	5346716
CIE _{Lab}	57.70, -19.57, -10.38
CIE _{LCh}	58, 22.152, 207.946
Yxy	25.6445, 0.2483, 0.3161
Android (android.graphics.Color)	4283536796 (0xFF51959C)
YUV	129.4660, 13.0813, -42.5047
Hunter-Lab	50.6404, -17.6248, -5.9289

Details

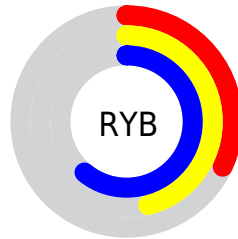
The YUV color **129.4660, 13.0813, -42.5047** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.5340, -13.0813, 42.5047**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4660, 13.0813, -42.5047**, and **76.0740, 14.2605, -47.4229** is the 20% darker color. If you saturate the color by 10%, you get **124.0950, 15.7292, -51.8263**, and if you desaturate by 10%, it is **134.8370, 10.4334, -33.1830**.

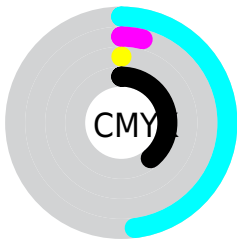
Distribution



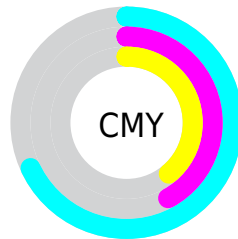
- Red (32%)
- Green (58%)
- Blue (61%)



- Red (32%)
- Yellow (46%)
- Blue (61%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (68%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4660, 13.0813, -42.5047 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 129.4660, 13.0813, -42.5047 by changing the saturation by 10% instead.

■ 129.4660, 13.0813,
-42.5047

■ 129.4660, 13.0813,
-42.5047

■ 255.0000, 0.0000,
0.0000

■ 102.8680, 13.3761,
-43.7342

■ 183.4660, 13.0813,
-42.5047

■ 76.0740, 14.2605,
-47.4229

■ 212.1670, 13.2287,
-43.1195

■ 52.6720, 13.9657,
-46.1933

■ 235.8640, 9.4340,
-39.3457

■ 36.5490, 10.5753,
-32.0535

■ 244.5350, 5.1592,
-21.5172

■ 22.3010, 6.7536,
-19.5580

■ 253.2060, 0.8844,
-3.6887

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 129.4660, 13.0813,
-42.5047

■ 129.4660, 13.0813,
-42.5047

■ 124.0950, 15.7292,
-51.8263

■ 134.8370, 10.4334,
-33.1830

■ 118.4360, 18.5191,
-60.0184

■ 140.4960, 7.6435,
-24.9910

■ 113.0650, 21.1670,
-69.3400

■ 145.8670, 4.9956,
-15.6694

■ 107.4060, 23.9568,
-77.5321

■ 151.5260, 2.2057,
-7.4773

■ 102.0350, 26.6047,
-86.8537

■ 156.8970, -0.4422,
1.8443

■ 100.5510, 27.3364,
-88.1832

■ 162.8550, -3.3795,
10.6512

■ 167.9270, -5.8800,
19.3580

■ 173.8850, -8.8173,
28.1649

■ 178.9570,
-11.3178, 36.8717

Harmonies

Analogous

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



130.2900, 3.3080, -34.4573



129.4660, 13.0813, -42.5047



131.8070, 19.3221, -37.5417

Triad

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



129.4660, 13.0813, -42.5047



141.7000, 8.5289, 17.8031



137.8650, -18.6674, 14.1504

Complementary

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



129.4660, 13.0813, -42.5047



107.5340, -13.0813, 42.5047

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.



139.2240, -16.3794, 26.9906



129.4660, 13.0813, -42.5047



141.7740, -0.3816, 29.1392

Square

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



129.4660, 13.0813, -42.5047



140.2400, 16.1507, -0.2105



140.9780, -9.8492, 32.4683



135.5640, -15.5611, -2.2486

Rectangle

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



129.4660, 13.0813, -42.5047



135.1010, 20.1632, -27.2756



140.9780, -9.8492, 32.4683



138.5990, -18.5363, 18.7687

Sweetspot

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



129.4660, 13.0813, -42.5047



193.5680, 5.1430, -16.2841



125.7090, -19.0835, -39.2098



95.7430, 3.0847, -9.4216



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



129.4660, 13.0813, -42.5047



162.2610, 20.5773, -66.8809



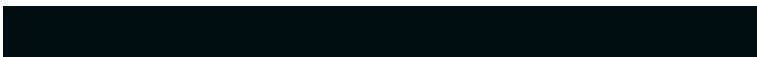
107.7470, 23.7887, -23.4571



76.0210, 1.4686, -4.4034



92.0250, 25.1307, -80.7059



9.9280, 2.5005, -8.7069

Inverse Universe

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



111.1770, 18.6467, 39.3098



133.4800, 29.3434, 61.8460



129.2530, -23.7887, 23.4571



74.1900, 1.8783, 4.2184



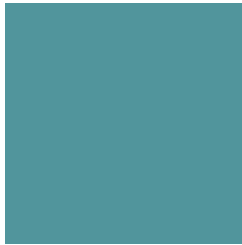
57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 129.4660, 13.0813, -42.5047 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 129.4660, 13.0813, -42.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

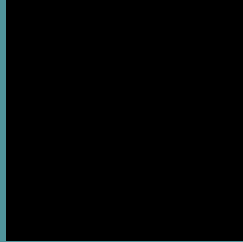
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4660, 13.0813, -42.5047

Background



This preview shows how black text looks on a background with the YUV color 129.4660, 13.0813, -42.5047.

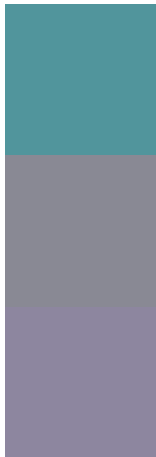


This preview shows how white text looks on a background with the YUV color 129.4660, 13.0813, -42.5047.

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

129.4660, 13.0813, -42.5047

Protanopia

138.2540, 4.8048, -1.0998

Deuteranopia

138.9430, 9.8881, 1.8040



Tritanopia

129.6340, 14.9704, -41.7750

Trichromacy



Original Color

129.4660, 13.0813, -42.5047

Protanomaly

134.9640, 7.9057, -15.7544

Deuteranomaly

135.1860, 11.2473, -14.1951

Tritanomaly

129.5200, 14.5336, -41.6750

Monochromacy



Original Color

129.4660, 13.0813, -42.5047

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1660, 4.8482, -15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4660, 13.0813, -42.5047 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(81, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(81, 149, 156)  
}
```

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(81, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 149, 156) }
```

Border

The CSS property to change the border of an element to YUV 129.4660, 13.0813, -42.5047 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(81, 149, 156) }
```


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

```
.border{ border-color:rgb(81, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(81, 149,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 129.4660, 13.0813, -42.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 149, 156) }
```

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

```
.background{ background-color: rgb(81, 149,  
156) }
```

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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