

Converting Colors

YUV(134.8970, 5.9668,
-47.2677)

Have a look what the booklet for
YUV(134.8970, 5.9668, -47.2677)
contains.

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Color

**YUV(134.8970, 5.9668,
-47.2677)**

Conversions

Conversions Part 1

Format	Color
Hex	51A093
RGB	81, 160, 147
RGB Percent	32%, 63%, 58%
CMY	0.6824, 0.3725, 0.4235
CMYK	0.49, 0.00, 0.08, 0.37
HSL	170°, 33%, 47%
HSV	170°, 49%, 63%
XYZ	21.2306, 28.9975, 32.0819
YIQ	134.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

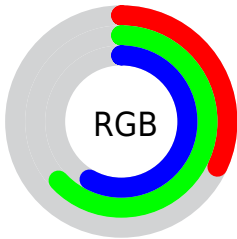
Format	Color
RYB	81, 124, 160
Decimal	5349523
CIELab	60.78, -27.57, -0.71
CIELCh	61, 27.581, 181.469
Yxy	28.9975, 0.2579, 0.3523
Android (android.graphics.Color)	4283539603 (0xFF51A093)
YUV	134.8970, 5.9668, -47.2677
Hunter-Lab	53.8494, -23.8611, 2.3713

Details

The YUV color **134.8970, 5.9668, -47.2677** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.1030, -5.9668, 47.2677**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7830, 5.5300, -47.1677**, and **80.4340, 8.1670, -53.0006** is the 20% darker color. If you saturate the color by 10%, you get **129.7710, 7.0149, -56.8042**, and if you desaturate by 10%, it is **140.0230, 4.9187, -37.7312**.

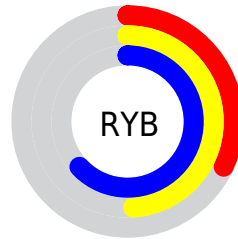
Distribution



Red (32%)

Green (63%)

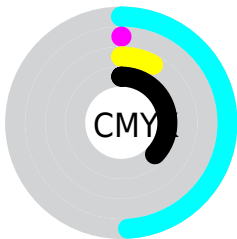
Blue (58%)



Red (32%)

Yellow (49%)

Blue (63%)

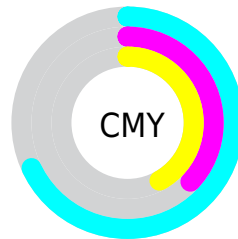


Cyan (49%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (68%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8970, 5.9668, -47.2677 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 134.8970, 5.9668, -47.2677 by changing the saturation by 10% instead.

■ 134.8970, 5.9668,
-47.2677

■ 134.8970, 5.9668,
-47.2677

■ 255.0000, 0.0000,
0.0000

■ 108.2990, 6.2616,
-48.4972

■ 189.7830, 5.5300,
-47.1677

■ 80.4340, 8.1670,
-53.0006

■ 218.0710, 5.3880,
-48.2973

■ 57.0430, 7.8668,
-50.0267

■ 236.1630, 9.2866,
-38.7310

■ 40.9200, 4.4764,
-35.8868

■ 244.8340, 5.0118,
-20.9024

■ 25.6120, 1.6703,
-22.4617

■ 253.5050, 0.7370,
-3.0739

■ 3.9780, 0.0108,
-3.4887

■ 0.0000, 0.0000,

0.0000

■ 134.8970, 5.9668,
-47.2677

■ 134.8970, 5.9668,
-47.2677

■ 129.7710, 7.0149,
-56.8042

■ 140.0230, 4.9187,
-37.7312

■ 124.7590, 8.4998,
-66.4406

■ 145.0350, 3.4337,
-28.0947

■ 119.6330, 9.5479,
-75.9771

■ 150.1610, 2.3856,
-18.5582

■ 114.5070, 10.5960,
-85.5136

■ 155.2870, 1.3375,
-9.0217

■ 109.4950, 12.0810,
-95.1501

■ 160.2990, -0.1474,
0.6148

■ 109.1960, 12.2284,
-95.7649

■ 165.4250, -1.1955,
10.1513

■ 170.4370, -2.6804,
19.7878

■ 175.5630, -3.7286,
29.3242

■ 180.6890, -4.7767,
38.8607

Harmonies

Analogous

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



139.0600, -7.9176, -27.2396



134.8970, 5.9668, -47.2677



132.8600, 18.8030, -57.7592

Triad

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



134.8970, 5.9668, -47.2677



149.0600, 19.1974, 2.5784



147.1060, -20.7583, 31.4790

Complementary

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



134.8970, 5.9668, -47.2677



106.1030, -5.9668, 47.2677

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.



148.2240, -12.9284, 40.1456



134.8970, 5.9668, -47.2677



150.3850, 9.6702, 25.0954

Square

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



134.8970, 5.9668, -47.2677



143.7900, 25.2465, -24.3718



149.4870, -1.7191, 38.1609



144.7250, -23.0354, 15.1502

Rectangle

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



134.8970, 5.9668, -47.2677



135.2610, 24.0283, -53.7259



149.4870, -1.7191, 38.1609



147.8830, -19.1693, 35.1826

Sweetspot

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



134.8970, 5.9668, -47.2677



199.1610, 2.3856, -18.5582



131.2600, -24.7782, -32.6770



98.8630, 1.0535, -11.2809



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.



134.8970, 5.9668, -47.2677



169.9430, 9.3951, -73.6180



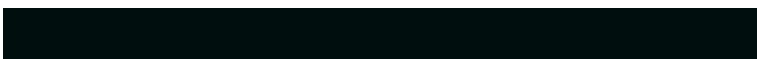
121.1170, 19.1693, -35.1826



76.4940, 0.7425, -4.8182



97.5070, 10.5960, -85.5136



10.2870, 1.3375, -9.0217

Inverse Universe

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



106.1030, -5.9668, 47.2677



125.0570, -9.3951, 73.6180



119.8830, -19.1693, 35.1826



73.5060, -0.7425, 4.8182



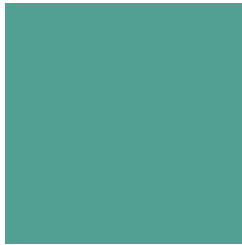
45.3790, -11.0328, 85.6136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 134.8970, 5.9668, -47.2677 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 134.8970, 5.9668, -47.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

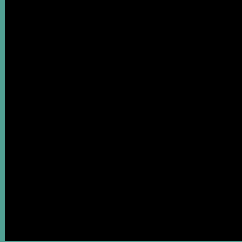
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.8970, 5.9668, -47.2677

Background



This preview shows how black text looks on a background with the YUV color 134.8970, 5.9668, -47.2677.



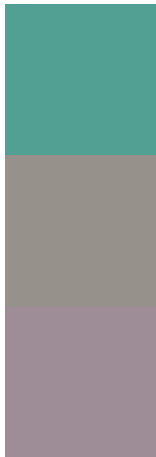
This preview shows how white text looks on a background with the YUV color 134.8970, 5.9668, -47.2677.

-47.2677.

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

134.8970, 5.9668, -47.2677

Protanopia

145.8110, -3.3578, 3.6738

Deuteranopia

147.2230, 1.8621, 9.4514



Tritanopia

137.7370, 15.4127, -43.6193

Trichromacy



Original Color

134.8970, 5.9668, -47.2677

Protanomaly

141.6130, 0.1908, -14.5696

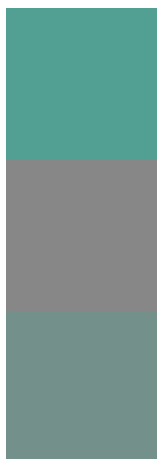
Deuteranomaly

142.8460, 3.5269, -11.2659

Tritanomaly

136.5150, 12.0711, -45.1787

Monochromacy



Original Color

134.8970, 5.9668, -47.2677

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7590, 2.0908, -17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8970, 5.9668, -47.2677 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, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(81, 160, 147)  
}
```

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, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 160, 147) }
```

Border

The CSS property to change the border of an element to YUV 134.8970, 5.9668, -47.2677 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, 160, 147) }
```


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

```
.border{ border-color:rgb(81, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(81, 160,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 134.8970, 5.9668, -47.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 160, 147) }
```

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

```
.background{ background-color: rgb(81, 160,  
147) }
```

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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