

Converting Colors

YUV(166.9270, -53.2080,
-13.9680)

Have a look what the booklet for
YUV(166.9270, -53.2080, -13.9680)
contains.

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Color

**YUV(166.9270, -53.2080,
-13.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	97C43B
RGB	151, 196, 59
RGB Percent	59%, 77%, 23%
CMY	0.4078, 0.2314, 0.7686
CMYK	0.23, 0.00, 0.70, 0.23
HSL	80°, 54%, 50%
HSV	80°, 70%, 77%
XYZ	33.2918, 46.3749, 11.3343
YIQ	166.9270, 17.1570, -52.1470

Conversions

Conversions Part 2

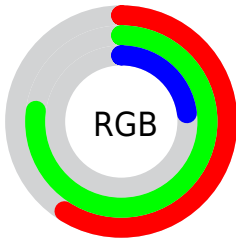
Format	Color
RYB	59, 196, 104
Decimal	9946171
CIELab	73.79, -34.56, 60.72
CIELCh	74, 69.872, 119.648
Yxy	46.3749, 0.3658, 0.5096
Android (android.graphics.Color)	4288136251 (0xFF97C43B)
YUV	166.9270, -53.2080, -13.9680
Hunter-Lab	68.0991, -31.9096, 37.8013

Details

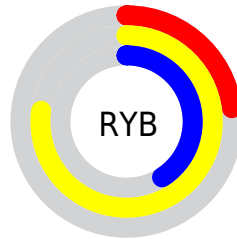
The YUV color **166.9270, -53.2080, -13.9680** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **88.0730, 53.2080, 13.9680**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6990, -54.0816, -13.7680**, and **112.0580, -55.2446, -14.0829** is the 20% darker color. If you saturate the color by 10%, you get **162.8530, -61.0595, -15.6571**, and if you desaturate by 10%, it is **171.0010, -45.3565, -12.2789**.

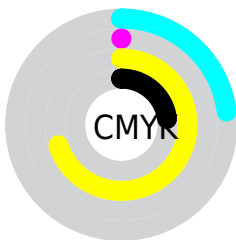
Distribution



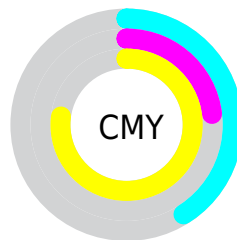
- Red (59%)
- Green (77%)
- Blue (23%)



- Red (23%)
- Yellow (77%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9270, -53.2080, -13.9680 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 166.9270, -53.2080, -13.9680 by changing the saturation by 10% instead.

■ 166.9270,
-53.2080, -13.9680

■ 166.9270,
-53.2080, -13.9680

■ 255.0000, 0.0000,
0.0000

■ 139.1720,
-54.8078, -14.1828

■ 223.6990,
-54.0816, -13.7680

■ 112.0580,
-55.2446, -14.0829

■ 237.0350,
-46.8523, 0.8463

■ 88.4240, -43.5930,
-17.9118

■ 245.1960,
-37.5646, 8.5981

■ 65.6760, -32.3783,
-21.6409

■ 248.5020,
-24.8975, 5.6987

■ 40.5250, -19.9788,
-32.0324

■ 251.8080,
-12.2303, 2.7994

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 166.9270,
-53.2080, -13.9680

■ 166.9270,
-53.2080, -13.9680

■ 162.8530,
-61.0595, -15.6571

■ 171.0010,
-45.3565, -12.2789

■ 158.5940,
-68.3268, -18.0609

■ 175.2600,
-38.0892, -9.8750

■ 154.5200,
-76.1784, -19.7500

■ 179.3340,
-30.2377, -8.1859

■ 183.5930,
-22.9703, -5.7821

■ 187.6670,
-15.1188, -4.0930

■ 192.0400, -7.4147,
-1.7891

■ 196.0000, 0.0000,
0.0000

■ 200.3730, 7.7041,
2.3039

■ 204.3330, 15.1188,
4.0930

Harmonies

Analogous

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



172.9890, -67.0426, 36.8436



166.9270, -53.2080, -13.9680



149.0420, -17.7687, -87.7368

Triad

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



166.9270, -53.2080, -13.9680



148.8180, 52.3477, -130.5134



167.7750, 8.4919, 76.4963

Complementary

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



166.9270, -53.2080, -13.9680



88.0730, 53.2080, 13.9680

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.



184.8220, 30.6538, 61.5461



166.9270, -53.2080, -13.9680



140.0130, 56.6886, -122.7914

Square

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



166.9270, -53.2080, -13.9680



151.5590, 45.0804, -132.9172



179.7450, 37.1007, 0.2236



165.8760, -21.6309, 78.1617

Rectangle

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



166.9270, -53.2080, -13.9680



141.6410, 7.0790, -124.2192



179.7450, 37.1007, 0.2236



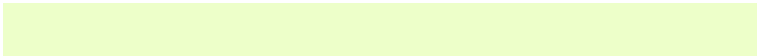
171.9300, 16.7965, 72.8524

Sweetspot

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



166.9270, -53.2080, -13.9680



243.4620, -20.9338, -5.6672



125.2040, -32.6386, 62.0881



121.0630, -12.3561, -3.5633



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.9270, -53.2080, -13.9680



209.6740, -83.1563, -21.6391



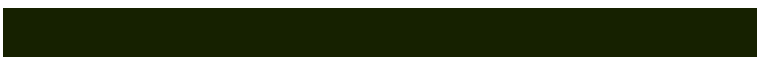
146.8940, -43.3317, -55.1580



94.9630, -3.9258, -0.8446



126.7990, -62.5119, -16.4867



25.9490, -12.7929, -3.4633

Inverse Universe

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



88.0730, 53.2080, 13.9680



86.3260, 83.1563, 21.6391



108.1060, 43.3317, 55.1580



89.0370, 3.9258, 0.8446



34.2010, 62.5119, 16.4867



7.0510, 12.7929, 3.4633

Previews

White Background



This preview shows how the YUV color 166.9270, -53.2080, -13.9680 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 166.9270, -53.2080, -13.9680 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 166.9270, -53.2080, -13.9680 Background



This preview shows how black text looks on a background with the YUV color 166.9270, -53.2080, -13.9680.



This preview shows how white text looks on a background with the YUV color 166.9270, -53.2080, -13.9680.

-13.9680.

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

166.9270, -53.2080, -13.9680

Protanopia

173.2140, -58.2795, 26.1223

Deuteranopia

175.9910, -53.2396, 42.9809



Tritanopia

179.9260, 8.9105, -11.3361

Trichromacy



Original Color

166.9270, -53.2080, -13.9680

Protanomaly

170.5820, -56.4889, 11.7676

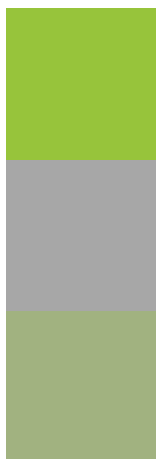
Deuteranomaly

172.8590, -53.1745, 22.0487

Tritanomaly

175.2530, -13.9287, -12.4999

Monochromacy



Original Color

166.9270, -53.2080, -13.9680

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2170, -19.3340, -5.4523

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9270, -53.2080, -13.9680 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(151, 196, 59)` looks like.

```
.text, #text, p{  
    color:rgb(151, 196, 59)  
}
```

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(151, 196, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 196, 59) }
```

Border

The CSS property to change the border of an element to YUV 166.9270, -53.2080, -13.9680 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(151, 196, 59) }
```


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

```
.border{ border-color:rgb(151, 196, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 196, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 196, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 196, 59);  
box-shadow:4px 4px 4px 4px rgb(151, 196,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 166.9270, -53.2080, -13.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 196, 59) }
```

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

```
.background{ background-color: rgb(151,  
196, 59) }
```

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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