

Converting Colors

YUV(158.4880, -53.9776,
-0.4280)

Have a look what the booklet for
YUV(158.4880, -53.9776, -0.4280)
contains.

YUV(158.4880, -53.9776, -0.4280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(158.4880, -53.9776,
-0.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB431
RGB	158, 180, 49
RGB Percent	62%, 71%, 19%
CMY	0.3804, 0.2941, 0.8078
CMYK	0.12, 0.00, 0.73, 0.29
HSL	70°, 57%, 45%
HSV	70°, 73%, 71%
XYZ	30.9762, 40.1334, 9.0196
YIQ	158.4880, 28.9390, -45.4050

Conversions

Conversions Part 2

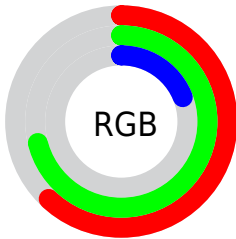
Format	Color
RYB	49, 180, 71
Decimal	10400817
CIELab	69.56, -24.73, 60.34
CIELCh	70, 65.210, 112.283
Yxy	40.1334, 0.3866, 0.5009
Android (android.graphics.Color)	4288590897 (0xFF9EB431)
YUV	158.4880, -53.9776, -0.4280
Hunter-Lab	63.3509, -23.5844, 35.9042

Details

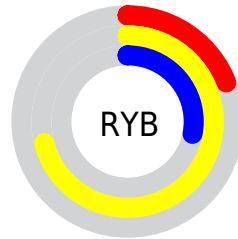
The YUV color **158.4880, -53.9776, -0.4280** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **70.5120, 53.9776, 0.4280**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6730, -54.5618, 0.2868**, and **105.3460, -51.9356, -2.0574** is the 20% darker color. If you saturate the color by 10%, you get **155.5390, -61.3977, -0.4727**, and if you desaturate by 10%, it is **161.4370, -46.5574, -0.3832**.

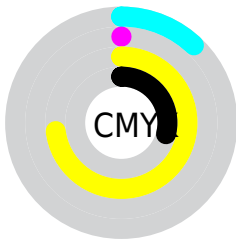
Distribution



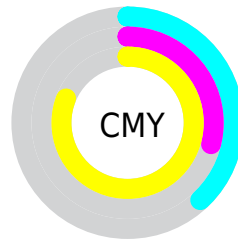
- Red (62%)
- Green (71%)
- Blue (19%)



- Red (19%)
- Yellow (71%)
- Blue (28%)



- Cyan (12%)
- Magenta (0%)
- Yellow (73%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4880, -53.9776, -0.4280 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 158.4880, -53.9776, -0.4280 by changing the saturation by 10% instead.

■ 158.4880,
-53.9776, -0.4280

■ 158.4880,
-53.9776, -0.4280

■ 255.0000, 0.0000,
0.0000

■ 130.2770,
-57.3246, -0.2429

■ 214.6730,
-54.5618, 0.2868

■ 105.3460,
-51.9356, -2.0574

■ 237.8740,
-52.6889, 6.2495

■ 82.5980, -40.7208,
-5.7864

■ 244.0560,
-41.9326, 9.5979

■ 60.7360, -29.9428,
-9.4155

■ 247.2480,
-29.7023, 6.7985

■ 38.8630, -19.1595,
-14.7889

■ 250.5540,
-17.0351, 3.8991

■ 19.9580, -9.8393,
-17.5032

■ 253.8600, -4.3680,

■ 0.0000, 0.0000,

0.9998

0.0000

■ 158.4880,
-53.9776, -0.4280

■ 158.4880,
-53.9776, -0.4280

■ 155.5390,
-61.3977, -0.4727

■ 161.4370,
-46.5574, -0.3832

■ 152.5900,
-68.8179, -0.5174

■ 164.3860,
-39.1373, -0.3385

■ 150.5100,
-74.2014, -0.4473

■ 167.3350,
-31.7172, -0.2938

■ 170.2840,
-24.2970, -0.2491

■ 173.2330,
-16.8769, -0.2043

■ 176.1820, -9.4567,
-0.1596

■ 179.1310, -2.0366,
-0.1149

■ 182.0800, 5.3836,
-0.0702

■ 185.0290, 12.8037,
-0.0254

Harmonies

Analogous

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



163.8680, -60.0809, 43.9658



158.4880, -53.9776, -0.4280



147.9380, -26.5914, -57.8276

Triad

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



158.4880, -53.9776, -0.4280



142.3610, 55.5310, -124.8506



165.7690, 10.9599, 78.2556

Complementary

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



158.4880, -53.9776, -0.4280



70.5120, 53.9776, 0.4280

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.



174.8200, 33.6127, 45.7619



158.4880, -53.9776, -0.4280



135.3170, 59.0037, -118.6730

Square

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



158.4880, -53.9776, -0.4280



140.5080, 35.7386, -123.2255



166.3340, 43.7123, -20.4639



160.2170, -15.3900, 83.1247

Rectangle

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



158.4880, -53.9776, -0.4280



130.1000, 0.9367, -114.0977



166.3340, 43.7123, -20.4639



170.8700, 17.8121, 73.7820

Sweetspot

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



158.4880, -53.9776, -0.4280



226.3810, -21.3868, -0.3341



101.0830, -25.6769, 69.2102



112.0850, -12.3669, -0.0745



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



158.4880, -53.9776, -0.4280



201.1650, -84.3843, -1.0217



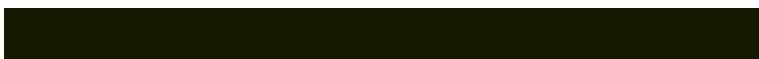
139.0530, -44.3961, -40.3885



87.6750, -3.7838, 0.2850



127.7840, -62.9975, -0.6876



21.5410, -10.6197, -0.4745

Inverse Universe

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



70.5120, 53.9776, 0.4280



63.8350, 84.3843, 1.0217



89.9470, 44.3961, 40.3885



81.6240, 3.6364, 0.3298



25.2160, 62.9975, 0.6876



4.1600, 10.7671, -0.1403

Previews

White Background



This preview shows how the YUV color 158.4880, -53.9776, -0.4280 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 158.4880, -53.9776, -0.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

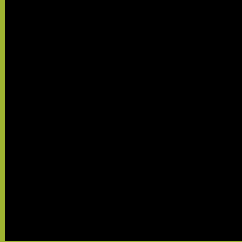
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4880, -53.9776, -0.4280

Background



This preview shows how black text looks on a background with the YUV color 158.4880, -53.9776, -0.4280.



This preview shows how white text looks on a background with the YUV color 158.4880, -53.9776, -0.4280.

-0.4280.

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

158.4880, -53.9776, -0.4280

Protanopia

161.8440, -57.1111, 24.6928

Deuteranopia

164.3930, -52.9447, 41.7513



Tritanopia

170.3790, 5.2362, 0.5446

Trichromacy



Original Color

158.4880, -53.9776, -0.4280

Protanomaly

160.7180, -56.0630, 15.1563

Deuteranomaly

162.1800, -53.3327, 26.1521

Tritanomaly

165.7600, -16.1507, 0.2105

Monochromacy



Original Color

158.4880, -53.9776, -0.4280

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1360, -19.7870, -0.1193

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4880, -53.9776, -0.4280 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(158, 180, 49)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 49)  
}
```

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(158, 180, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 49) }
```

Border

The CSS property to change the border of an element to YUV 158.4880, -53.9776, -0.4280 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(158, 180, 49) }
```


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

```
.border{ border-color:rgb(158, 180, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 180, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 180, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 180, 49);  
box-shadow:4px 4px 4px 4px rgb(158, 180,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 158.4880, -53.9776, -0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 180, 49) }
```

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

```
.background{ background-color: rgb(158,  
180, 49) }
```

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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