

Converting Colors

YUV(153.3440, -2.1416,
-59.9377)

Have a look what the booklet for
YUV(153.3440, -2.1416, -59.9377)
contains.

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Color

**YUV(153.3440, -2.1416,
-59.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	55BD95
RGB	85, 189, 149
RGB Percent	33%, 74%, 58%
CMY	0.6667, 0.2588, 0.4157
CMYK	0.55, 0.00, 0.21, 0.26
HSL	157°, 44%, 54%
HSV	157°, 55%, 74%
XYZ	27.3687, 40.4964, 34.8079
YIQ	153.3440, -49.1440, -34.4880

Conversions

Conversions Part 2

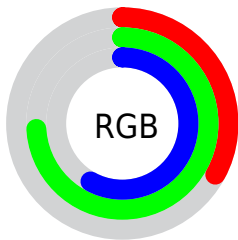
Format	Color
RYB	85, 149, 189
Decimal	5619093
CIELab	69.82, -39.75, 11.22
CIElCh	70, 41.300, 164.242
Yxy	40.4964, 0.2666, 0.3944
Android (android.graphics.Color)	4283809173 (0xFF55BD95)
YUV	153.3440, -2.1416, -59.9377
Hunter-Lab	63.6368, -34.5956, 12.1155

Details

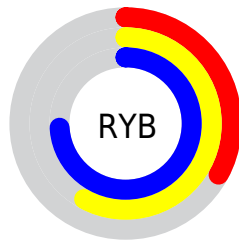
The YUV color **153.3440, -2.1416, -59.9377** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **120.6560, 2.1416, 59.9377**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0020, -3.4520, -59.6378**, and **94.6030, 1.6747, -70.6888** is the 20% darker color. If you saturate the color by 10%, you get **146.8650, -2.3984, -70.9186**, and if you desaturate by 10%, it is **159.8230, -1.8847, -48.9568**.

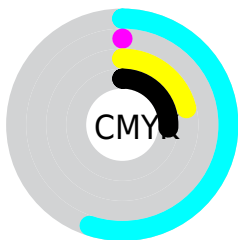
Distribution



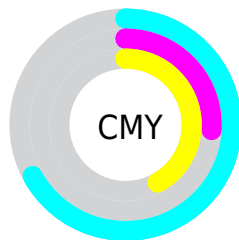
- Red (33%)
- Green (74%)
- Blue (58%)



- Red (33%)
- Yellow (58%)
- Blue (74%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3440, -2.1416, -59.9377 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 153.3440, -2.1416, -59.9377 by changing the saturation by 10% instead.

■ 153.3440, -2.1416,
-59.9377

■ 153.3440, -2.1416,
-59.9377

■ 255.0000, 0.0000,
0.0000

■ 125.5610, -1.2626,
-61.8820

■ 210.0020, -3.4520,
-59.6378

■ 94.6030, 1.6747,
-70.6888

■ 227.1480, 1.8990,
-49.2418

■ 72.4190, 0.7794,
-63.5115

■ 238.5550, 8.1074,
-33.8127

■ 55.2360, -1.5953,
-48.4420

■ 247.2260, 3.8326,
-15.9842

■ 38.6400, -4.2595,
-33.8873

■ 23.6910, -8.2287,
-20.7770

■ 0.0000, 0.0000,

0.0000

■ 153.3440, -2.1416,
-59.9377

■ 153.3440, -2.1416,
-59.9377

■ 146.8650, -2.3984,
-70.9186

■ 159.8230, -1.8847,
-48.9568

■ 140.2720, -3.0921,
-81.7995

■ 166.4160, -1.1911,
-38.0758

■ 133.7930, -3.3489,
-92.7805

■ 172.8950, -0.9342,
-27.0949

■ 127.3140, -3.6058,
-103.7614

■ 179.3740, -0.6774,
-16.1140

■ 124.1670, -4.0263,
-108.8945

■ 185.5540, -0.2731,
-5.7479

■ 192.1470, 0.4205,
5.1331

■ 198.6260, 0.6774,
16.1140

■ 205.1050, 0.9342,
27.0949

■ 211.5840, 1.1911,
38.0758

Harmonies

Analogous

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



161.4830, -22.9161, -23.2256



153.3440, -2.1416, -59.9377



132.9620, 27.1337, -116.6077

Triad

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



153.3440, -2.1416, -59.9377



169.3740, 36.2976, -22.2530



171.4080, -25.3441, 55.7702

Complementary

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



153.3440, -2.1416, -59.9377



120.6560, 2.1416, 59.9377

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.



172.9800, -9.3571, 61.4075



153.3440, -2.1416, -59.9377



174.9510, 24.6742, 19.3370

Square

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



153.3440, -2.1416, -59.9377



155.0750, 42.8540, -71.9798



174.8980, 8.4313, 49.2015



169.6540, -35.3254, 37.1374

Rectangle

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



153.3440, -2.1416, -59.9377



135.1110, 37.9063, -118.4923



174.8980, 8.4313, 49.2015



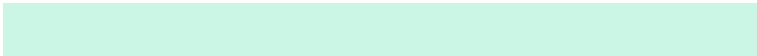
171.6950, -20.5556, 59.9035

Sweetspot

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



153.3440, -2.1416, -59.9377



230.6180, -0.7977, -24.2210



158.6060, -36.2878, -27.7185



113.7980, -0.3934, -13.8548



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



153.3440, -2.1416, -59.9377



189.4940, -3.2015, -93.3952



152.0340, 18.2242, -58.7888



90.9670, 0.0163, -5.2331



103.8040, -3.3544, -91.0361



20.3630, -0.6720, -17.8584

Inverse Universe

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



120.6560, 2.1416, 59.9377



138.5060, 3.2015, 93.3952



121.9660, -18.2242, 58.7888



88.1470, 0.4205, 5.1331



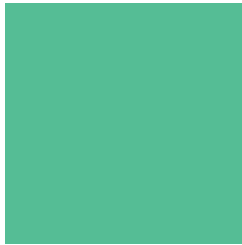
54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 153.3440, -2.1416, -59.9377 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 153.3440, -2.1416, -59.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

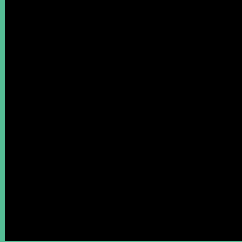
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.3440, -2.1416, -59.9377

Background



This preview shows how black text looks on a background with the YUV color 153.3440, -2.1416, -59.9377.



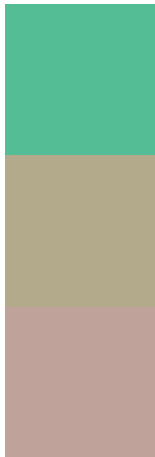
This preview shows how white text looks on a background with the YUV color 153.3440, -2.1416, -59.9377.

-59.9377.

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

153.3440, -2.1416, -59.9377

Protanopia

168.5700, -14.5780, 9.1471

Deuteranopia

170.4600, -7.6218, 18.0136



Tritanopia

159.1920, 18.6393, -51.9114

Trichromacy



Original Color

153.3440, -2.1416, -59.9377



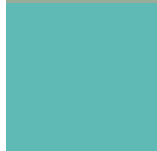
Protanomaly

162.9690, -9.8447, -15.7588



Deuteranomaly

163.8540, -5.3510, -10.3960



Tritanomaly

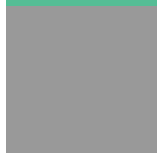
157.5200, 11.0826, -54.8300

Monochromacy



Original Color

153.3440, -2.1416, -59.9377



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0420, -0.5137, -21.9618

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3440, -2.1416, -59.9377 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(85, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(85, 189, 149)  
}
```

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(85, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 189, 149) }
```

Border

The CSS property to change the border of an element to YUV 153.3440, -2.1416, -59.9377 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(85, 189, 149) }
```


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

```
.border{ border-color:rgb(85, 189, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 189, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(85, 189,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 153.3440, -2.1416, -59.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 189, 149) }
```

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

```
.background{ background-color: rgb(85, 189,  
149) }
```

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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