

Converting Colors

YUV(153.5190, -20.9619,
-43.4282)

Have a look what the booklet for
YUV(153.5190, -20.9619, -43.4282)
contains.

YUV(153.5190, -20.9619, -43.4282)	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(153.5190, -20.9619,
-43.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	68BB6F
RGB	104, 187, 111
RGB Percent	41%, 73%, 44%
CMY	0.5922, 0.2667, 0.5647
CMYK	0.44, 0.00, 0.41, 0.27
HSL	125°, 38%, 57%
HSV	125°, 44%, 73%
XYZ	26.3485, 39.6314, 21.2998
YIQ	153.5190, -25.0720, -41.2320

Conversions

Conversions Part 2

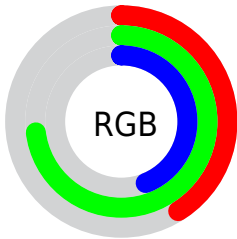
Format	Color
RYB	104, 181, 187
Decimal	6863727
CIELab	69.21, -41.25, 30.81
CIElCh	69, 51.483, 143.246
Yxy	39.6314, 0.3019, 0.4541
Android (android.graphics.Color)	4285053807 (0xFF68BB6F)
YUV	153.5190, -20.9619, -43.4282
Hunter-Lab	62.9535, -35.4594, 24.0071

Details

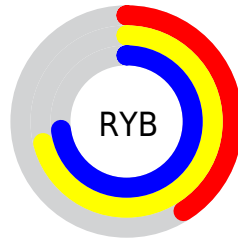
The YUV color **153.5190, -20.9619, -43.4282** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **137.4810, 20.9619, 43.4282**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3510, -22.8510, -44.1578**, and **99.4910, -18.4831, -45.1576** is the 20% darker color. If you saturate the color by 10%, you get **145.9000, -25.5867, -53.4093**, and if you desaturate by 10%, it is **161.1380, -16.3370, -33.4470**.

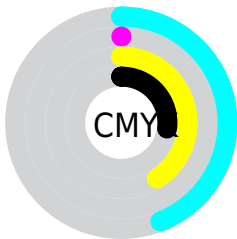
Distribution



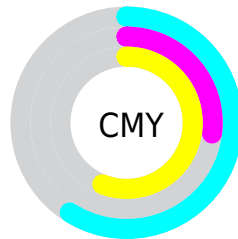
- Red (41%)
- Green (73%)
- Blue (44%)



- Red (41%)
- Yellow (71%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5190, -20.9619, -43.4282 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 153.5190, -20.9619, -43.4282 by changing the saturation by 10% instead.

■ 153.5190,
-20.9619, -43.4282

■ 153.5190,
-20.9619, -43.4282

■ 255.0000, 0.0000,
0.0000

■ 126.7470,
-20.0883, -43.6281

■ 209.3510,
-22.8510, -44.1578

■ 99.4910, -18.4831,
-45.1576

■ 227.3720,
-17.9314, -35.4062

■ 70.7290, -16.1354,
-51.5053

■ 239.2350, -9.9759,
-20.3771

■ 49.7300, -17.6149,
-43.6132

■ 251.2120, -1.5835,
-5.4479

■ 34.0460, -16.7847,
-29.8583

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 153.5190,
-20.9619, -43.4282

■ 153.5190,
-20.9619, -43.4282

■ 145.9000,
-25.5867, -53.4093

■ 161.1380,
-16.3370, -33.4470

■ 138.5800,
-30.3589, -62.7757

■ 168.4580,
-11.5648, -24.0807

■ 130.9610,
-34.9838, -72.7568

■ 176.0770, -6.9400,
-14.0995

■ 123.3420,
-39.6086, -82.7379

■ 183.6960, -2.3151,
-4.1184

■ 115.9080,
-44.8176, -92.0043

■ 191.1300, 2.8939,
5.1480

■ 111.5930,
-47.1273, -97.8671

■ 198.7490, 7.5187,
15.1291

■ 206.3680, 12.1436,
25.1103

■ 213.9870, 16.7684,
35.0914

■ 215.0840, 19.6786,
35.0063

Harmonies

Analogous

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



160.7450, -40.3003, -0.6534



153.5190, -20.9619, -43.4282



130.4880, 12.5774, -114.4380

Triad

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



153.5190, -20.9619, -43.4282



146.1250, 53.6754, -89.5636



169.1190, -16.8207, 75.3176

Complementary

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



153.5190, -20.9619, -43.4282



137.4810, 20.9619, 43.4282

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.



171.8080, 5.0247, 68.5744



153.5190, -20.9619, -43.4282



169.9220, 41.9435, -13.0866

Square

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



153.5190, -20.9619, -43.4282



138.0580, 51.7364, -121.0769



174.1750, 25.0567, 36.6805



167.9930, -35.9855, 62.2731

Rectangle

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



153.5190, -20.9619, -43.4282



134.8370, 26.7024, -118.2520



174.1750, 25.0567, 36.6805



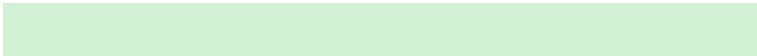
169.6550, -9.6899, 74.8476

Sweetspot

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



153.5190, -20.9619, -43.4282



229.4250, -8.0975, -16.1587



175.4450, -35.2224, 3.9947



114.2670, -5.0616, -9.8812



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.



153.5190, -20.9619, -43.4282



190.3900, -32.2373, -66.9940



158.1930, -3.0531, -47.5273



90.3970, -2.1677, -4.7332



94.2280, -40.0454, -82.6380



18.5390, -7.6607, -16.2587

Inverse Universe

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



137.4810, 20.9619, 43.4282



165.6100, 32.2373, 66.9940



132.8070, 3.0531, 47.5273



88.7170, 2.6045, 4.6332



63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 153.5190, -20.9619, -43.4282 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 153.5190, -20.9619, -43.4282 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 153.5190, -20.9619, -43.4282 Background



This preview shows how black text looks on a background with the YUV color 153.5190, -20.9619, -43.4282.



This preview shows how white text looks on a background with the YUV color 153.5190, -20.9619, -43.4282.

-43.4282.

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

153.5190, -20.9619, -43.4282

Protanopia

165.1890, -30.1662, 15.6202

Deuteranopia

167.6450, -24.9680, 28.3753



Tritanopia

161.9660, 14.8068, -35.9272

Trichromacy



Original Color

153.5190, -20.9619, -43.4282

Protanomaly

160.9690, -26.6067, -6.1118

Deuteranomaly

162.2350, -23.2869, 2.4249

Tritanomaly

159.2140, 1.8665, -38.7757

Monochromacy



Original Color

153.5190, -20.9619, -43.4282

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8380, -7.8081, -15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5190, -20.9619, -43.4282 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(104, 187, 111)` looks like.

```
.text, #text, p{  
    color:rgb(104, 187, 111)  
}
```

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(104, 187, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 187, 111) }
```

Border

The CSS property to change the border of an element to YUV 153.5190, -20.9619, -43.4282 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(104, 187, 111) }
```


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

```
.border{ border-color:rgb(104, 187, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 187, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 187, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 187, 111);  
box-shadow:4px 4px 4px 4px rgb(104, 187,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 153.5190, -20.9619, -43.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 187, 111) }
```

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

```
.background{ background-color: rgb(104,  
187, 111) }
```

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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