

Converting Colors

YUV(152.3530, -12.4990,
-51.1756)

Have a look what the booklet for
YUV(152.3530, -12.4990, -51.1756)
contains.

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Color

**YUV(152.3530, -12.4990,
-51.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBB7F
RGB	94, 187, 127
RGB Percent	37%, 73%, 50%
CMY	0.6314, 0.2667, 0.5020
CMYK	0.50, 0.00, 0.32, 0.27
HSL	141°, 41%, 55%
HSV	141°, 50%, 73%
XYZ	26.2172, 39.4526, 26.3120
YIQ	152.3530, -36.1680, -38.3760

Conversions

Conversions Part 2

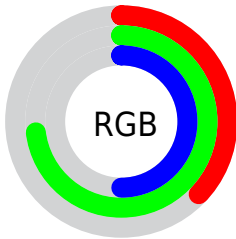
Format	Color
RYB	94, 163, 187
Decimal	6208383
CIELab	69.08, -41.24, 22.11
CIELCh	69, 46.793, 151.800
Yxy	39.4526, 0.2850, 0.4289
Android (android.graphics.Color)	4284398463 (0xFF5EBB7F)
YUV	152.3530, -12.4990, -51.1756
Hunter-Lab	62.8113, -35.4147, 19.1310

Details

The YUV color **152.3530, -12.4990, -51.1756** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **128.6470, 12.4990, 51.1756**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5980, -14.0988, -51.3904**, and **97.3140, -10.0148, -54.6494** is the 20% darker color. If you saturate the color by 10%, you get **145.3040, -14.9399, -61.6566**, and if you desaturate by 10%, it is **159.4020, -10.0582, -40.6946**.

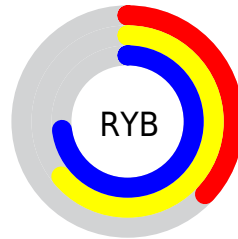
Distribution



Red (37%)

Green (73%)

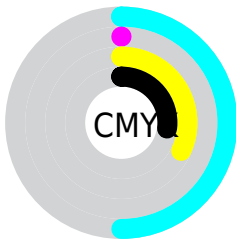
Blue (50%)



Red (37%)

Yellow (64%)

Blue (73%)

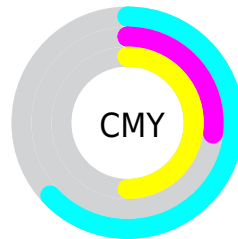


Cyan (50%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (63%)

Magenta (27%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3530, -12.4990, -51.1756 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 152.3530, -12.4990, -51.1756 by changing the saturation by 10% instead.

■ 152.3530,
-12.4990, -51.1756

■ 152.3530,
-12.4990, -51.1756

■ 255.0000, 0.0000,
0.0000

■ 125.2820,
-11.4780, -51.9903

■ 208.5980,
-14.0988, -51.3904

■ 97.3140, -10.0148,
-54.6494

■ 226.6190, -9.1792,
-42.6389

■ 68.9650, -7.3777,
-60.4823

■ 238.4820, -1.2236,
-27.6097

■ 51.7820, -9.7525,
-45.4128

■ 249.3190, 2.8007,
-11.6808

■ 35.1860, -12.4167,
-30.8581

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 152.3530,
-12.4990, -51.1756

■ 152.3530,
-12.4990, -51.1756

■ 145.3040,
-14.9399, -61.6566

■ 159.4020,
-10.0582, -40.6946

■ 138.5540,
-17.5281, -71.5229

■ 166.1520, -7.4699,
-30.8283

■ 131.5050,
-19.9690, -82.0039

■ 173.2010, -5.0291,
-20.3473

■ 124.4560,
-22.4098, -92.4849

■ 180.2500, -2.5882,
-9.8662

■ 117.7060,
-24.9981, -102.3512

■ 187.0000, 0.0000,
0.0000

■ 117.2930,
-25.2874, -102.8660

■ 194.0490, 2.4408,
10.4810

■ 201.0980, 4.8817,
20.9621

■ 208.2610, 7.7593,
31.3431

■ 212.9180, 11.3794,
36.9059

Harmonies

Analogous

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



160.0410, -32.5582, -10.5600



152.3530, -12.4990, -51.1756



130.9100, 19.2714, -114.8081

Triad

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



152.3530, -12.4990, -51.1756



160.3040, 45.6991, -51.1326



168.9240, -21.1615, 67.5957

Complementary

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



152.3530, -12.4990, -51.1756



128.6470, 12.4990, 51.1756

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.



171.6630, -1.8059, 66.0705



152.3530, -12.4990, -51.1756



171.9580, 34.0377, 2.6678

Square

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



152.3530, -12.4990, -51.1756



135.0090, 52.7466, -118.4029



173.2700, 17.6149, 43.6132



167.5140, -36.2424, 51.2922

Rectangle

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



152.3530, -12.4990, -51.1756



134.2160, 31.9385, -117.7074



173.2700, 17.6149, 43.6132



169.5420, -15.0572, 69.6847

Sweetspot

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



152.3530, -12.4990, -51.1756



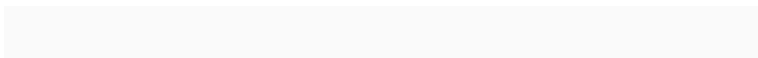
228.6140, -4.7397, -19.8325



166.5310, -35.7578, -10.9897



113.8260, -2.8722, -12.1254



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.



152.3530, -12.4990, -51.1756



187.9290, -19.6850, -79.7447



157.5970, 7.5937, -55.7746



90.6250, -1.2941, -4.9331



99.1300, -21.2631, -86.9370



19.4510, -4.1663, -17.0585

Inverse Universe

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



128.6470, 12.4990, 51.1756



151.0710, 19.6850, 79.7447



123.4030, -7.5937, 55.7746



88.3750, 1.2941, 4.9331



58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 152.3530, -12.4990, -51.1756 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 152.3530, -12.4990, -51.1756 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 152.3530, -12.4990, -51.1756 Background



This preview shows how black text looks on a background with the YUV color 152.3530, -12.4990, -51.1756.



This preview shows how white text looks on a background with the YUV color 152.3530, -12.4990, -51.1756.

-51.1756.

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

152.3530, -12.4990, -51.1756

Protanopia

165.6000, -23.4668, 13.5058

Deuteranopia

168.2730, -17.3896, 24.3166



Tritanopia

160.2640, 16.1388, -43.2045

Trichromacy



Original Color

152.3530, -12.4990, -51.1756

Protanomaly

160.4830, -19.4651, -10.0706

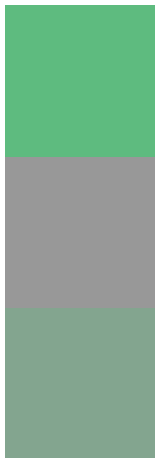
Deuteranomaly

162.2650, -15.4136, -2.8634

Tritanomaly

157.4950, 5.6720, -46.0381

Monochromacy



Original Color

152.3530, -12.4990, -51.1756

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.3260, -4.5977, -18.7029

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3530, -12.4990, -51.1756 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(94, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(94, 187, 127)  
}
```

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(94, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 187, 127) }
```

Border

The CSS property to change the border of an element to YUV 152.3530, -12.4990, -51.1756 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(94, 187, 127) }
```


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

```
.border{ border-color:rgb(94, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(94, 187,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 152.3530, -12.4990, -51.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 187, 127) }
```

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

```
.background{ background-color: rgb(94, 187,  
127) }
```

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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