

Converting Colors

YUV(150.5000, -15.5295,
-59.1975)

Have a look what the booklet for
YUV(150.5000, -15.5295, -59.1975)
contains.

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Color

**YUV(150.5000, -15.5295,
-59.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	53BF77
RGB	83, 191, 119
RGB Percent	33%, 75%, 47%
CMY	0.6745, 0.2510, 0.5333
CMYK	0.57, 0.00, 0.38, 0.25
HSL	140°, 46%, 54%
HSV	140°, 57%, 75%
XYZ	25.5279, 40.4325, 23.9116
YIQ	150.5000, -41.2560, -45.2880

Conversions

Conversions Part 2

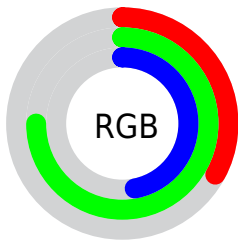
Format	Color
RYB	83, 164, 191
Decimal	5488503
CIELab	69.78, -47.13, 27.23
CIELCh	70, 54.427, 149.985
Yxy	40.4325, 0.2840, 0.4499
Android (android.graphics.Color)	4283678583 (0xFF53BF77)
YUV	150.5000, -15.5295, -59.1975
Hunter-Lab	63.5866, -39.6148, 22.2147

Details

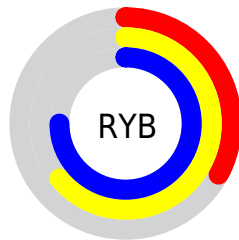
The YUV color **150.5000, -15.5295, -59.1975** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **123.5000, 15.5295, 59.1975**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3430, -17.4241, -58.1828**, and **90.1930, -9.9551, -73.8373** is the 20% darker color. If you saturate the color by 10%, you get **143.3370, -18.4071, -69.5785**, and if you desaturate by 10%, it is **157.6630, -12.6519, -48.8165**.

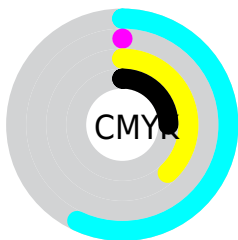
Distribution



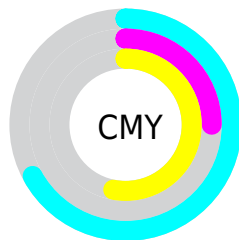
- Red (33%)
- Green (75%)
- Blue (47%)



- Red (33%)
- Yellow (64%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5000, -15.5295, -59.1975 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 150.5000, -15.5295, -59.1975 by changing the saturation by 10% instead.

■ 150.5000,
-15.5295, -59.1975

■ 150.5000,
-15.5295, -59.1975

■ 255.0000, 0.0000,
0.0000

■ 121.9450,
-13.7769, -61.3418

■ 207.3430,
-17.4241, -58.1828

■ 90.1930, -9.9551,
-73.8373

■ 222.9020,
-11.7837, -47.2721

■ 69.8140, -11.7403,
-61.2269

■ 234.8790, -3.3913,
-32.3429

■ 52.5170, -14.5519,
-46.0574

■ 246.9270, 3.9800,
-16.5990

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,

0.0000

■ 150.5000,
-15.5295, -59.1975

■ 150.5000,
-15.5295, -59.1975

■ 143.3370,
-18.4071, -69.5785

■ 157.6630,
-12.6519, -48.8165

■ 136.2880,
-20.8480, -80.0596

■ 164.7120,
-10.2110, -38.3354

■ 129.1250,
-23.7256, -90.4406

■ 171.8750, -7.3334,
-27.9544

■ 121.9620,
-26.6033, -100.8217

■ 179.0380, -4.4557,
-17.5733

■ 119.4130,
-27.3186, -104.7252

■ 186.5000, -1.7255,
-6.5775

■ 193.5490, 0.7153,
3.9035

■ 200.7120, 3.5930,
14.2846

■ 207.8750, 6.4706,
24.6656

■ 215.0380, 9.3483,
35.0467

Harmonies

Analogous

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



160.6190, -39.2522, -10.1899



150.5000, -15.5295, -59.1975



133.7310, 17.3876, -117.2821

Triad

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



150.5000, -15.5295, -59.1975



153.3120, 50.1322, -73.0646



168.4520, -21.9148, 75.9026

Complementary

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



150.5000, -15.5295, -59.1975



123.5000, 15.5295, 59.1975

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.



171.1030, 0.9352, 73.5777



150.5000, -15.5295, -59.1975



173.5430, 40.1583, -0.4762

Square

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



150.5000, -15.5295, -59.1975



139.4260, 56.9780, -122.2766



175.2690, 22.5454, 48.8761



168.6030, -41.2163, 59.9842

Rectangle

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



150.5000, -15.5295, -59.1975



137.6070, 32.2387, -120.6813



175.2690, 22.5454, 48.8761



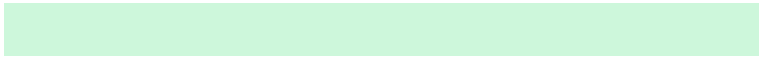
168.4010, -14.4947, 75.9473

Sweetspot

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



150.5000, -15.5295, -59.1975



231.2500, -6.0393, -23.0212



167.9240, -41.8675, -11.3343



115.5870, -3.7404, -13.6698



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



150.5000, -15.5295, -59.1975



184.0000, -24.1570, -92.0850



156.6560, 8.0576, -64.5963



90.6250, -1.2941, -4.9331



98.7880, -22.5735, -86.6371



19.3370, -4.6031, -16.9585

Inverse Universe

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



123.5000, 15.5295, 59.1975



142.0000, 24.1570, 92.0850



117.3440, -8.0576, 64.5963



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 150.5000, -15.5295, -59.1975 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 150.5000, -15.5295, -59.1975 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 150.5000, -15.5295, -59.1975 Background



This preview shows how black text looks on a background with the YUV color 150.5000, -15.5295, -59.1975.



This preview shows how white text looks on a background with the YUV color 150.5000, -15.5295, -59.1975.

-59.1975.

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

150.5000, -15.5295, -59.1975

Protanopia

166.7590, -27.9822, 15.1204

Deuteranopia

169.2580, -21.3262, 26.9607



Tritanopia

160.2740, 17.6129, -49.3523

Trichromacy



Original Color

150.5000, -15.5295, -59.1975



Protanomaly

160.7340, -23.5329, -12.0447



Deuteranomaly

162.5160, -19.4814, -4.8375



Tritanomaly

156.4510, 5.6937, -53.0155

Monochromacy



Original Color

150.5000, -15.5295, -59.1975



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9620, -5.8973, -21.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5000, -15.5295, -59.1975 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(83, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 191, 119)  
}
```

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(83, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 191, 119) }
```

Border

The CSS property to change the border of an element to YUV 150.5000, -15.5295, -59.1975 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(83, 191, 119) }
```


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

```
.border{ border-color:rgb(83, 191, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 191, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 191, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 191,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 150.5000, -15.5295, -59.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 191, 119) }
```

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

```
.background{ background-color: rgb(83, 191,  
119) }
```

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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