

Converting Colors

YUV(153.7620, -16.1517,
-46.2723)

Have a look what the booklet for
YUV(153.7620, -16.1517, -46.2723)
contains.

YUV(153.7620, -16.1517, -46.2723)	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(153.7620, -16.1517,
-46.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	65BB79
RGB	101, 187, 121
RGB Percent	40%, 73%, 47%
CMY	0.6039, 0.2667, 0.5255
CMYK	0.46, 0.00, 0.35, 0.27
HSL	134°, 39%, 56%
HSV	134°, 46%, 73%
XYZ	26.5883, 39.6878, 24.3483
YIQ	153.7620, -30.0700, -38.7580

Conversions

Conversions Part 2

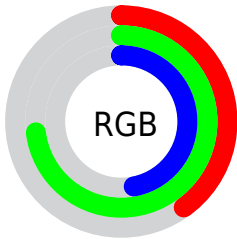
Format	Color
RYB	101, 171, 187
Decimal	6667129
CIELab	69.25, -40.44, 25.58
CIELCh	69, 47.850, 147.681
Yxy	39.6878, 0.2934, 0.4379
Android (android.graphics.Color)	4284857209 (0xFF65BB79)
YUV	153.7620, -16.1517, -46.2723
Hunter-Lab	62.9983, -34.9113, 21.1837

Details

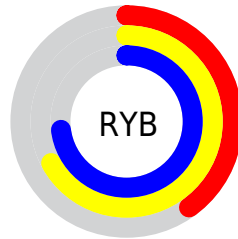
The YUV color **153.7620, -16.1517, -46.2723** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **134.2380, 16.1517, 46.2723**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7080, -17.6040, -47.1019**, and **99.7340, -13.6729, -48.0017** is the 20% darker color. If you saturate the color by 10%, you get **146.4850, -19.4661, -56.5533**, and if you desaturate by 10%, it is **161.0390, -12.8372, -35.9912**.

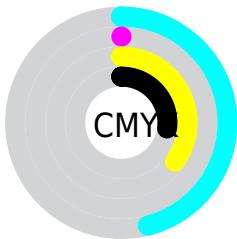
Distribution



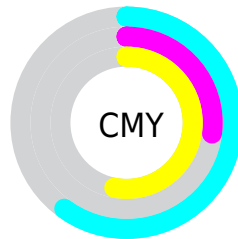
- Red (40%)
- Green (73%)
- Blue (47%)



- Red (40%)
- Yellow (67%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7620, -16.1517, -46.2723 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 153.7620, -16.1517, -46.2723 by changing the saturation by 10% instead.

■ 153.7620,
-16.1517, -46.2723

■ 153.7620,
-16.1517, -46.2723

■ 255.0000, 0.0000,
0.0000

■ 126.9900,
-15.2781, -46.4722

■ 209.7080,
-17.6040, -47.1019

■ 99.7340, -13.6729,
-48.0017

■ 227.6150,
-13.1212, -38.2504

■ 69.7760, -10.7356,
-56.8086

■ 239.5920, -4.7289,
-23.3212

■ 51.0980, -12.3733,
-44.8129

■ 251.1130, 1.9163,
-7.9921

■ 34.2740, -15.9111,
-30.0583

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 153.7620,
-16.1517, -46.2723

■ 153.7620,
-16.1517, -46.2723

■ 146.4850,
-19.4661, -56.5533

■ 161.0390,
-12.8372, -35.9912

■ 139.3930,
-23.3647, -66.1197

■ 168.1310, -8.9386,
-26.4249

■ 132.1160,
-26.6792, -76.4007

■ 175.4080, -5.6241,
-16.1438

■ 124.8390,
-29.9936, -86.6818

■ 182.6850, -2.3097,
-5.8627

■ 117.4480,
-33.7449, -96.8629

■ 190.0760, 1.4415,
4.3183

■ 114.6710,
-35.3338, -100.5665

■ 197.0540, 4.9034,
13.9846

■ 204.3310, 8.2178,
24.2657

■ 211.7220, 11.9691,
34.4468

■ 214.5140, 17.4946,
35.5062

Harmonies

Analogous

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



161.0910, -35.0479, -5.3418



153.7620, -16.1517, -46.2723



130.8130, 16.3612, -114.7230

Triad

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



153.7620, -16.1517, -46.2723



157.2100, 48.2105, -63.3282



170.1030, -19.2778, 70.0697

Complementary

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



153.7620, -16.1517, -46.2723



134.2380, 16.1517, 46.2723

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.



171.7600, 1.1043, 65.9855



153.7620, -16.1517, -46.2723



171.3100, 36.8222, -3.7799

Square

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



153.7620, -16.1517, -46.2723



136.0690, 51.7310, -119.3325



174.3450, 20.5359, 40.0394



168.4760, -35.2377, 55.7105

Rectangle

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



153.7620, -16.1517, -46.2723



134.2330, 29.4651, -117.7223



174.3450, 20.5359, 40.0394



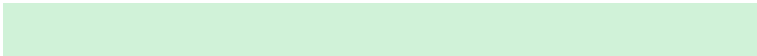
170.2370, -12.4418, 70.8292

Sweetspot

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



153.7620, -16.1517, -46.2723



228.8700, -6.3449, -18.3030



171.5150, -34.7639, -3.0827



114.1960, -4.0406, -10.6959



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.



153.7620, -16.1517, -46.2723



190.6050, -24.9483, -71.5676



158.5500, 2.1939, -50.4713



90.5110, -1.7309, -4.8331



96.9640, -29.5623, -85.0374



18.9950, -5.9135, -16.6586

Inverse Universe

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



134.2380, 16.1517, 46.2723



160.3950, 24.9483, 71.5676



129.4500, -2.1938, 50.4714



88.4890, 1.7309, 4.8331



61.0360, 29.5623, 85.0374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 153.7620, -16.1517, -46.2723 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 153.7620, -16.1517, -46.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

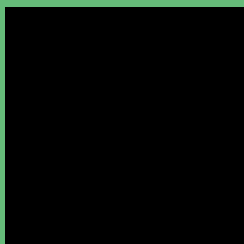
Any Text WCAG AA ✓ Pass

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 153.7620, -16.1517, -46.2723 Background



This preview shows how black text looks on a background with the YUV color 153.7620, -16.1517, -46.2723.



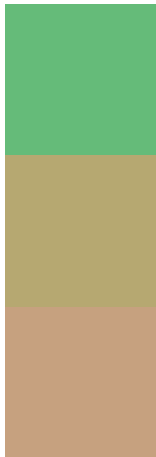
This preview shows how white text looks on a background with the YUV color 153.7620, -16.1517, -46.2723.

-46.2723.

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

153.7620, -16.1517, -46.2723

Protanopia

165.9160, -26.0876, 14.1057

Deuteranopia

168.1870, -20.3052, 26.1460



Tritanopia

161.4710, 15.5438, -39.0011

Trichromacy



Original Color

153.7620, -16.1517, -46.2723

Protanomaly

161.6960, -22.5281, -7.6264

Deuteranomaly

162.7770, -18.6241, 0.1956

Tritanomaly

158.4740, 4.2033, -41.6347

Monochromacy



Original Color

153.7620, -16.1517, -46.2723

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9950, -5.9135, -16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7620, -16.1517, -46.2723 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(101, 187, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 187, 121)  
}
```

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(101, 187, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 187, 121) }
```

Border

The CSS property to change the border of an element to YUV 153.7620, -16.1517, -46.2723 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(101, 187, 121) }
```


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

```
.border{ border-color:rgb(101, 187, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 187, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 187, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 187, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 187,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 153.7620, -16.1517, -46.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 187, 121) }
```

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

```
.background{ background-color: rgb(101,  
187, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor