

Converting Colors

YUV(152.6260, -13.1266,
-36.5060)

Have a look what the booklet for
YUV(152.6260, -13.1266, -36.5060)
contains.

YUV(152.6260, -13.1266, -36.5060)	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(152.6260, -13.1266,
-36.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB37E
RGB	111, 179, 126
RGB Percent	44%, 70%, 49%
CMY	0.5647, 0.2980, 0.5059
CMYK	0.38, 0.00, 0.30, 0.30
HSL	133°, 31%, 57%
HSV	133°, 38%, 70%
XYZ	26.4415, 37.1261, 25.5111
YIQ	152.6260, -23.5150, -30.8990

Conversions

Conversions Part 2

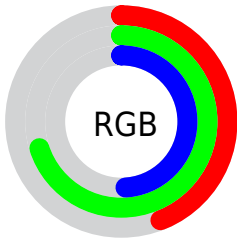
Format	Color
RYB	111, 167, 179
Decimal	7320446
CIELab	67.37, -32.96, 20.45
CIELCh	67, 38.785, 148.185
Yxy	37.1261, 0.2968, 0.4168
Android (android.graphics.Color)	4285510526 (0xFF6FB37E)
YUV	152.6260, -13.1266, -36.5060
Hunter-Lab	60.9312, -29.1681, 17.8279

Details

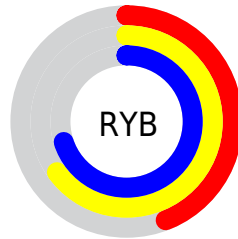
The YUV color **152.6260, -13.1266, -36.5060** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137.3740, 13.1266, 36.5060**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6860, -14.1422, -37.4356**, and **100.3810, -11.5268, -36.2911** is the 20% darker color. If you saturate the color by 10%, you get **145.6480, -16.5885, -46.1723**, and if you desaturate by 10%, it is **159.6040, -9.6648, -26.8397**.

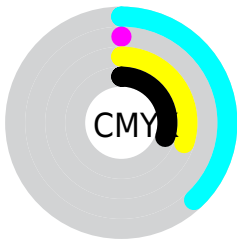
Distribution



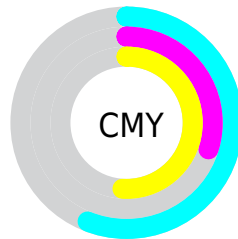
- Red (44%)
- Green (70%)
- Blue (49%)



- Red (44%)
- Yellow (65%)
- Blue (70%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6260, -13.1266, -36.5060 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 152.6260, -13.1266, -36.5060 by changing the saturation by 10% instead.

■ 152.6260,
-13.1266, -36.5060

■ 152.6260,
-13.1266, -36.5060

■ 255.0000, 0.0000,
0.0000

■ 126.1530,
-12.4004, -36.0912

■ 207.6860,
-14.1422, -37.4356

■ 100.3810,
-11.5268, -36.2911

■ 230.9900,
-11.8271, -33.3172

■ 74.0110, -10.3584,
-37.7206

■ 242.5540, -3.7241,
-18.9029

■ 48.1460, -8.4530,
-42.2240

■ 253.8040, 0.5896,
-2.4591

■ 31.5500, -11.1171,
-27.6693

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 152.6260,
-13.1266, -36.5060

■ 152.6260,
-13.1266, -36.5060

■ 145.6480,
-16.5885, -46.1723

■ 159.6040, -9.6648,
-26.8397

■ 138.6700,
-20.0503, -55.8386

■ 166.5820, -6.2029,
-17.1734

■ 131.6920,
-23.5122, -65.5049

■ 173.5600, -2.7411,
-7.5071

■ 124.7140,
-26.9740, -75.1712

■ 180.5380, 0.7208,
2.1592

■ 118.0350,
-30.5833, -84.2227

■ 187.2170, 4.3300,
11.2107

■ 111.0570,
-34.0451, -93.8890

■ 194.1950, 7.7919,
20.8770

■ 109.5190,
-34.7659, -96.0482

■ 201.1730, 11.2537,
30.5433

■ 208.1510, 14.7156,
40.2096

■ 210.0460, 20.6833,
39.4247

Harmonies

Analogous

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



158.2250, -28.2119, -4.5823



152.6260, -13.1266, -36.5060



143.1280, 8.8109, -72.9033

Triad

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



152.6260, -13.1266, -36.5060



157.4700, 37.2363, -43.3852



165.8240, -16.1822, 57.1594

Complementary

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



152.6260, -13.1266, -36.5060



137.3740, 13.1266, 36.5060

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.



167.7430, 0.1267, 52.8454



152.6260, -13.1266, -36.5060



166.6710, 29.2492, -1.4655

Square

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



152.6260, -13.1266, -36.5060



138.8890, 41.4667, -93.7417



168.4490, 16.0476, 32.9322



164.1310, -28.6586, 45.4891

Rectangle

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



152.6260, -13.1266, -36.5060



127.9240, 28.1385, -112.1893



168.4490, 16.0476, 32.9322



166.2030, -10.9461, 57.7040

Sweetspot

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



152.6260, -13.1266, -36.5060



222.2450, -5.0508, -13.3699



166.7630, -27.4912, -2.4232



111.1470, -3.0305, -8.0219



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



152.6260, -13.1266, -36.5060



190.5450, -20.4817, -57.4830



156.5020, 1.7245, -39.9053



85.5110, -1.7309, -4.8331



93.6870, -29.4257, -82.1635



15.9460, -4.9034, -13.9846

Inverse Universe

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



137.3740, 13.1266, 36.5060



166.5690, 20.9185, 57.3830



133.4980, -1.7245, 39.9053



83.4890, 1.7309, 4.8331



59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 152.6260, -13.1266, -36.5060 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 152.6260, -13.1266, -36.5060 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 152.6260, -13.1266, -36.5060 Background



This preview shows how black text looks on a background with the YUV color 152.6260, -13.1266, -36.5060.



This preview shows how white text looks on a background with the YUV color 152.6260, -13.1266, -36.5060.

-36.5060.

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

152.6260, -13.1266, -36.5060

Protanopia

161.5720, -20.9880, 11.7764

Deuteranopia

163.9030, -16.2212, 22.8871



Tritanopia

158.2440, 13.1907, -30.9090

Trichromacy



Original Color

152.6260, -13.1266, -36.5060

Protanomaly

158.5590, -18.0236, -5.7522

Deuteranomaly

159.7000, -15.1351, 1.1401

Tritanomaly

156.4150, 3.7394, -32.8130

Monochromacy



Original Color

152.6260, -13.1266, -36.5060

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.6580, -4.7614, -12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6260, -13.1266, -36.5060 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(111, 179, 126)` looks like.

```
.text, #text, p{  
    color:rgb(111, 179, 126)  
}
```

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(111, 179, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 179, 126) }
```

Border

The CSS property to change the border of an element to YUV 152.6260, -13.1266, -36.5060 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(111, 179, 126) }
```


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

```
.border{ border-color:rgb(111, 179, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 179, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 179, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 179, 126); box-shadow:4px 4px 4px 4px rgb(111, 179, 126) }
```

Background

The CSS property to change the background color of an element to YUV 152.6260, -13.1266, -36.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 179, 126) }
```

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

```
.background{ background-color: rgb(111,  
179, 126) }
```

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