

Converting Colors

YUV(143.7930, -16.6599,
-69.9785)

Have a look what the booklet for
YUV(143.7930, -16.6599, -69.9785)
contains.

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Color

**YUV(143.7930, -16.6599,
-69.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	40BF6E
RGB	64, 191, 110
RGB Percent	25%, 75%, 43%
CMY	0.7490, 0.2510, 0.5686
CMYK	0.66, 0.00, 0.42, 0.25
HSL	142°, 50%, 50%
HSV	142°, 66%, 75%
XYZ	23.5596, 39.4774, 21.1300
YIQ	143.7930, -49.6910, -52.1150

Conversions

Conversions Part 2

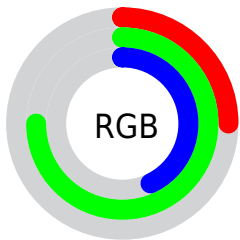
Format	Color
RYB	64, 157, 191
Decimal	4243310
CIELab	69.10, -52.71, 30.93
CIELCh	69, 61.110, 149.598
Yxy	39.4774, 0.2799, 0.4690
Android (android.graphics.Color)	4282433390 (0xFF40BF6E)
YUV	143.7930, -16.6599, -69.9785
Hunter-Lab	62.8310, -43.0225, 24.0425

Details

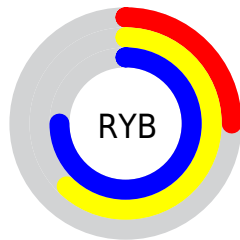
The YUV color **143.7930, -16.6599, -69.9785** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **111.2070, 16.6599, 69.9785**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7180, -19.5810, -66.4047**, and **86.7860, -12.7125, -76.1113** is the 20% darker color. If you saturate the color by 10%, you get **136.7440, -19.1008, -80.4595**, and if you desaturate by 10%, it is **150.8420, -14.2191, -59.4974**.

Distribution



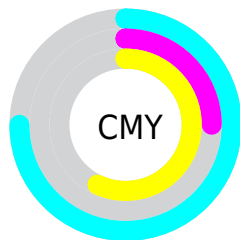
- Red (25%)
- Green (75%)
- Blue (43%)



- Red (25%)
- Yellow (62%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.7930, -16.6599, -69.9785 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 143.7930, -16.6599, -69.9785 by changing the saturation by 10% instead.

■ 143.7930,
-16.6599, -69.9785

■ 143.7930,
-16.6599, -69.9785

■ 255.0000, 0.0000,
0.0000

■ 112.2480,
-13.4333, -78.2705

■ 201.7180,
-19.5810, -66.4047

■ 86.7860, -12.7125,
-76.1113

■ 217.6900,
-13.6512, -54.9791

■ 68.7880, -15.6715,
-60.3271

■ 229.5530, -5.6956,
-39.9500

■ 51.3770, -18.9199,
-45.0576

■ 241.8290, 2.5493,
-24.4060

■ 35.2200, -17.3635,
-30.8879

■ 251.7110, 1.6215,
-6.7625

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 143.7930,
-16.6599, -69.9785

■ 143.7930,
-16.6599, -69.9785

■ 136.7440,
-19.1008, -80.4595

■ 150.8420,
-14.2191, -59.4974

■ 129.6950,
-21.5416, -90.9405

■ 157.8910,
-11.7783, -49.0164

■ 122.5320,
-24.4193, -101.3216

■ 165.0540, -8.9006,
-38.6354

■ 119.9830,
-25.1346, -105.2251

■ 172.1030, -6.4598,
-28.1543

■ 179.4510, -4.1663,
-17.0585

■ 186.5000, -1.7255,
-6.5775

■ 193.5490, 0.7153,
3.9035

■ 200.5980, 3.1562,
14.3846

■ 207.7610, 6.0338,
24.7656

Harmonies

Analogous

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



156.7130, -45.2145, -11.1493



143.7930, -16.6599, -69.9785



133.3890, 16.0772, -116.9822

Triad

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



143.7930, -16.6599, -69.9785



131.7950, 60.7401, -115.5842



162.9580, -22.6573, 80.7208

Complementary

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



143.7930, -16.6599, -69.9785



111.2070, 16.6599, 69.9785

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.



165.1190, 3.3923, 78.8256



143.7930, -16.6599, -69.9785



169.7000, 42.0529, -1.4909

Square

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



143.7930, -16.6599, -69.9785



140.0130, 56.6886, -122.7914



172.9260, 26.1655, 54.4389



165.6810, -46.1847, 66.9318

Rectangle

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



143.7930, -16.6599, -69.9785



138.3080, 32.3862, -121.2961



172.9260, 26.1655, 54.4389



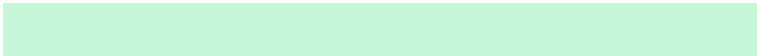
162.0750, -13.3480, 81.4952

Sweetspot

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



143.7930, -16.6599, -69.9785



228.8150, -6.3178, -27.0248



163.3660, -48.9874, -14.3530



113.8640, -3.8770, -16.5437



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.



143.7930, -16.6599, -69.9785



173.4340, -25.8500, -109.1286



150.8610, 10.4215, -76.1771



90.6250, -1.2941, -4.9331



99.2440, -20.8263, -87.0370



19.4510, -4.1663, -17.0585

Inverse Universe

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



111.2070, 16.6599, 69.9785



122.6800, 26.2868, 109.0286



104.1390, -10.4215, 76.1771



88.3750, 1.2941, 4.9331



58.7560, 20.8263, 87.0370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 143.7930, -16.6599, -69.9785 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 143.7930, -16.6599, -69.9785 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 143.7930, -16.6599, -69.9785 Background



This preview shows how black text looks on a background with the YUV color 143.7930, -16.6599, -69.9785.



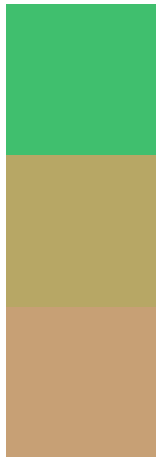
This preview shows how white text looks on a background with the YUV color 143.7930, -16.6599, -69.9785.

-69.9785.

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

143.7930, -16.6599, -69.9785

Protanopia

164.2600, -31.1872, 16.4350

Deuteranopia

166.7590, -24.5312, 28.2754



Tritanopia

156.0990, 19.6712, -56.2148

Trichromacy



Original Color

143.7930, -16.6599, -69.9785



Protanomaly

157.0280, -26.1428, -14.9336



Deuteranomaly

158.2230, -21.8019, -7.2116



Tritanomaly

151.9230, 6.4470, -61.3225

Monochromacy



Original Color

143.7930, -16.6599, -69.9785



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9400, -5.8864, -25.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7930, -16.6599, -69.9785 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(64, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(64, 191, 110)  
}
```

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(64, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 191, 110) }
```

Border

The CSS property to change the border of an element to YUV 143.7930, -16.6599, -69.9785 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(64, 191, 110) }
```


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

```
.border{ border-color:rgb(64, 191, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 191, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(64, 191,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 143.7930, -16.6599, -69.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 191, 110) }
```

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

```
.background{ background-color: rgb(64, 191,  
110) }
```

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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