

Converting Colors

YUV(136.1130, -32.1007,
-64.1201)

Have a look what the booklet for
YUV(136.1130, -32.1007, -64.1201)
contains.

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Color

**YUV(136.1130, -32.1007,
-64.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBA47
RGB	63, 186, 71
RGB Percent	25%, 73%, 28%
CMY	0.7529, 0.2706, 0.7216
CMYK	0.66, 0.00, 0.62, 0.27
HSL	124°, 49%, 49%
HSV	124°, 66%, 73%
XYZ	20.7461, 36.6295, 11.9380
YIQ	136.1130, -36.3930, -61.8410

Conversions

Conversions Part 2

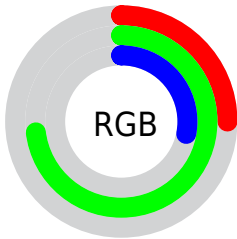
Format	Color
RYB	63, 178, 186
Decimal	4176455
CIELab	67.00, -56.70, 47.38
CIELCh	67, 73.889, 140.120
Yxy	36.6295, 0.2993, 0.5285
Android (android.graphics.Color)	4282366535 (0xFF3FBA47)
YUV	136.1130, -32.1007, -64.1201
Hunter-Lab	60.5223, -44.7269, 30.6707

Details

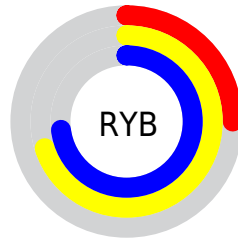
The YUV color **136.1130, -32.1007, -64.1201** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **112.8870, 32.1007, 64.1201**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0380, -35.0217, -60.5463**, and **78.4930, -31.7950, -68.8384** is the 20% darker color. If you saturate the color by 10%, you get **128.4940, -36.7255, -74.1012**, and if you desaturate by 10%, it is **143.7320, -27.4759, -54.1390**.

Distribution



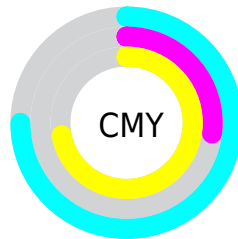
- Red (25%)
- Green (73%)
- Blue (28%)



- Red (25%)
- Yellow (70%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1130, -32.1007, -64.1201 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 136.1130, -32.1007, -64.1201 by changing the saturation by 10% instead.

■ 136.1130,
-32.1007, -64.1201

■ 136.1130,
-32.1007, -64.1201

■ 255.0000, 0.0000,
0.0000

■ 103.8560,
-29.0160, -73.5417

■ 194.0380,
-35.0217, -60.5463

■ 78.4930, -31.7950,
-68.8384

■ 213.1300,
-31.1231, -50.9800

■ 61.6350, -30.3861,
-54.0539

■ 224.9930,
-23.1675, -35.9509

■ 46.9600, -23.1513,
-41.1839

■ 237.1550,
-15.3594, -20.3069

■ 32.8720, -16.2059,
-28.8287

■ 249.4310, -7.1145,
-4.7630

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,

0.0000

■ 136.1130,
-32.1007, -64.1201

■ 136.1130,
-32.1007, -64.1201

■ 128.4940,
-36.7255, -74.1012

■ 143.7320,
-27.4759, -54.1390

■ 121.0600,
-41.9346, -83.3676

■ 151.1660,
-22.2668, -44.8726

■ 113.4410,
-46.5594, -93.3488

■ 158.7850,
-17.6420, -34.8914

■ 110.5500,
-48.5851, -96.9523

■ 166.2190,
-12.4330, -25.6251

■ 173.8380, -7.8081,
-15.6439

■ 181.4570, -3.1833,
-5.6628

■ 188.8910, 2.0257,
3.6036

■ 196.5100, 6.6506,
13.5847

■ 203.9440, 11.8596,
22.8511

Harmonies

Analogous

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



146.9990, -72.4705, 4.3859



136.1130, -32.1007, -64.1201



128.4360, 4.7151, -112.6384

Triad

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



136.1130, -32.1007, -64.1201



132.9690, 60.1613, -116.6138



147.5650, -13.0965, 94.2205

Complementary

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



136.1130, -32.1007, -64.1201



112.8870, 32.1007, 64.1201

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.



154.6160, 16.4583, 88.0368



136.1130, -32.1007, -64.1201



154.4400, 49.5761, -34.5889

Square

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



136.1130, -32.1007, -64.1201



140.0130, 56.6886, -122.7914



167.2530, 40.3013, 47.1361



155.9870, -46.8286, 86.8344

Rectangle

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



136.1130, -32.1007, -64.1201



134.8540, 24.2290, -118.2670



167.2530, 40.3013, 47.1361



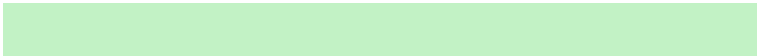
147.7250, -2.3294, 94.0802

Sweetspot

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



136.1130, -32.1007, -64.1201



222.5180, -12.5804, -25.0103



170.1840, -52.8417, 8.6086



110.2510, -7.5187, -15.1291



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.



136.1130, -32.1007, -64.1201



164.4850, -50.0321, -99.5263



142.9530, -5.8928, -70.1188



88.2830, -2.6045, -4.6332



92.7120, -40.7770, -81.3084



16.6640, -7.2294, -14.6143

Inverse Universe

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



112.8870, 32.1007, 64.1201



128.5150, 50.0321, 99.5263



106.0470, 5.8928, 70.1188



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 136.1130, -32.1007, -64.1201 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 136.1130, -32.1007, -64.1201 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 136.1130, -32.1007, -64.1201 Background



This preview shows how black text looks on a background with the YUV color 136.1130, -32.1007, -64.1201.



This preview shows how white text looks on a background with the YUV color 136.1130, -32.1007, -64.1201.

-64.1201.

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

136.1130, -32.1007, -64.1201

Protanopia

156.2100, -45.4595, 20.8638

Deuteranopia

159.0190, -38.9564, 35.0633



Tritanopia

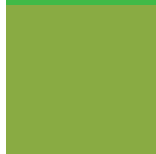
151.9750, 17.7603, -49.9671

Trichromacy



Original Color

136.1130, -32.1007, -64.1201



Protanomaly

148.9780, -40.4152, -10.5047



Deuteranomaly

151.0700, -36.5165, -0.9384



Tritanomaly

145.8330, -0.4107, -55.1045

Monochromacy



Original Color

136.1130, -32.1007, -64.1201



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.7570, -11.7122, -23.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1130, -32.1007, -64.1201 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(63, 186, 71)` looks like.

```
.text, #text, p{  
    color:rgb(63, 186, 71)  
}
```

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(63, 186, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 186, 71) }
```

Border

The CSS property to change the border of an element to YUV 136.1130, -32.1007, -64.1201 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(63, 186, 71) }
```


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

```
.border{ border-color:rgb(63, 186, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 186, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 186, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 186, 71);  
box-shadow:4px 4px 4px 4px rgb(63, 186,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 136.1130, -32.1007, -64.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 186, 71) }
```

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

```
.background{ background-color: rgb(63, 186,  
71) }
```

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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