

Converting Colors

YUV(160.2850, -32.6785,
-18.6669)

Have a look what the booklet for
YUV(160.2850, -32.6785, -18.6669)
contains.

YUV(160.2850, -32.6785, -18.6669)	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(160.2850, -32.6785,
-18.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB85E
RGB	139, 184, 94
RGB Percent	55%, 72%, 37%
CMY	0.4549, 0.2784, 0.6314
CMYK	0.24, 0.00, 0.49, 0.28
HSL	90°, 39%, 55%
HSV	90°, 49%, 72%
XYZ	29.8083, 40.5781, 16.8510
YIQ	160.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

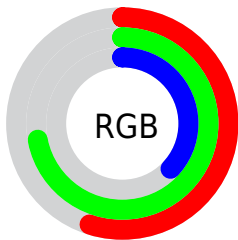
Format	Color
RYB	94, 184, 139
Decimal	9156702
CIELab	69.88, -30.46, 40.69
CIELCh	70, 50.829, 126.822
Yxy	40.5781, 0.3417, 0.4651
Android (android.graphics.Color)	4287346782 (0xFF8BB85E)
YUV	160.2850, -32.6785, -18.6669
Hunter-Lab	63.7009, -27.9490, 28.9065

Details

The YUV color **160.2850, -32.6785, -18.6669** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **117.7150, 32.6785, 18.6669**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5300, -34.2783, -18.8818**, and **107.6270, -31.3681, -18.9669** is the 20% darker color. If you saturate the color by 10%, you get **155.5420, -39.2142, -22.4003**, and if you desaturate by 10%, it is **165.0280, -26.1428, -14.9336**.

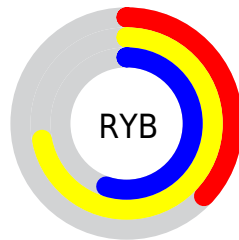
Distribution



Red (55%)

Green (72%)

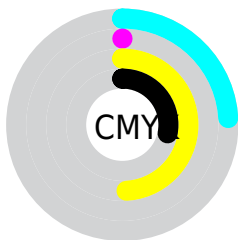
Blue (37%)



Red (37%)

Yellow (72%)

Blue (55%)

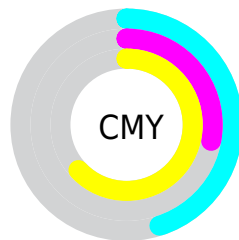


Cyan (24%)

Magenta (0%)

Yellow (49%)

Black (28%)



Cyan (45%)

Magenta (28%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2850, -32.6785, -18.6669 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 160.2850, -32.6785, -18.6669 by changing the saturation by 10% instead.

■ 160.2850,
-32.6785, -18.6669

■ 160.2850,
-32.6785, -18.6669

■ 255.0000, 0.0000,
0.0000

■ 133.5130,
-31.8049, -18.8669

■ 215.5300,
-34.2783, -18.8818

■ 107.6270,
-31.3681, -18.9669

■ 236.0840,
-31.1004, -11.4747

■ 81.9260, -31.5155,
-18.3521

■ 247.9470,
-23.1449, 3.5545

■ 58.0120, -28.5999,
-20.1815

■ 252.1500,
-10.9200, 2.4994

■ 35.2530, -17.3797,
-25.6549

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 160.2850,
-32.6785, -18.6669

■ 160.2850,
-32.6785, -18.6669

■ 155.5420,
-39.2142, -22.4003

■ 165.0280,
-26.1428, -14.9336

■ 150.6850,
-46.1867, -26.0337

■ 169.8850,
-19.1703, -11.3001

■ 145.6430,
-52.5750, -30.3819

■ 174.9270,
-12.7820, -6.9520

■ 140.7860,
-59.5475, -34.0153

■ 179.7840, -5.8095,
-3.3186

■ 136.0430,
-66.0832, -37.7487

■ 184.5270, 0.7262,
0.4148

■ 135.5160,
-66.8094, -38.1635

■ 189.2700, 7.2619,
4.1482

■ 194.1270, 14.2344,
7.7816

■ 199.1690, 20.6227,
12.1298

■ 203.4560, 25.4112,
16.2631

Harmonies

Analogous

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



165.8400, -44.2911, 19.4343



160.2850, -32.6785, -18.6669



149.1060, -7.9403, -66.7450

Triad

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



160.2850, -32.6785, -18.6669



137.6650, 57.8462, -120.7322



172.1970, -5.0271, 72.6182

Complementary

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



160.2850, -32.6785, -18.6669



117.7150, 32.6785, 18.6669

Split Complementary

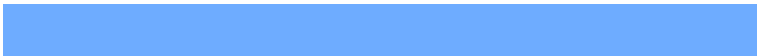
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



175.2820, 16.1300, 53.2497



160.2850, -32.6785, -18.6669



162.9240, 45.3935, -46.4143

Square

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



160.2850, -32.6785, -18.6669



138.3540, 42.7165, -121.3365



174.5400, 34.7368, 11.8044



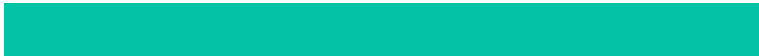
170.3930, -25.8297, 71.5693

Rectangle

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



160.2850, -32.6785, -18.6669



132.5740, 15.4930, -116.2674



174.5400, 34.7368, 11.8044



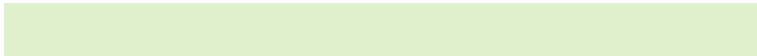
173.4230, 2.2565, 69.7890

Sweetspot

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



160.2850, -32.6785, -18.6669



230.5140, -13.0714, -7.4668



147.3250, -26.2892, 32.1640



114.2030, -7.9881, -4.5630



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



160.2850, -32.6785, -18.6669



202.5830, -51.5594, -29.4523



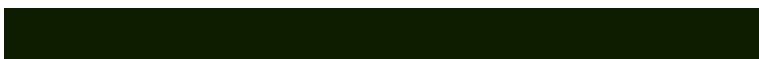
146.8300, -26.0452, -46.3319



89.4790, -3.1941, -2.1741



114.8940, -56.6427, -32.3560



20.6220, -10.1666, -5.8075

Inverse Universe

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



117.7150, 32.6785, 18.6669



135.4170, 51.5594, 29.4523



131.1700, 26.0452, 46.3319



85.2220, 3.3416, 1.5593



41.1060, 56.6427, 32.3560



7.3780, 10.1666, 5.8075

Previews

White Background



This preview shows how the YUV color 160.2850, -32.6785, -18.6669 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 160.2850, -32.6785, -18.6669 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 160.2850, -32.6785, -18.6669 Background



This preview shows how black text looks on a background with the YUV color 160.2850, -32.6785, -18.6669.



This preview shows how white text looks on a background with the YUV color 160.2850, -32.6785, -18.6669.

-18.6669.

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

160.2850, -32.6785, -18.6669

Protanopia

166.1480, -38.0340, 19.1642

Deuteranopia

168.2730, -34.1516, 33.9636



Tritanopia

168.9040, 8.9213, -14.8248

Trichromacy



Original Color

160.2850, -32.6785, -18.6669

Protanomaly

163.9290, -35.9540, 5.3243

Deuteranomaly

165.2660, -33.6551, 14.6757

Tritanomaly

165.8810, -6.3503, -16.5586

Monochromacy



Original Color

160.2850, -32.6785, -18.6669

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1550, -11.9084, -7.1519

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2850, -32.6785, -18.6669 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(139, 184, 94)` looks like.

```
.text, #text, p{  
    color:rgb(139, 184, 94)  
}
```

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(139, 184, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 184, 94) }
```

Border

The CSS property to change the border of an element to YUV 160.2850, -32.6785, -18.6669 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(139, 184, 94) }
```


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

```
.border{ border-color:rgb(139, 184, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 184, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 184, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 184, 94);  
box-shadow:4px 4px 4px 4px rgb(139, 184,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 160.2850, -32.6785, -18.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 184, 94) }
```

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

```
.background{ background-color: rgb(139,  
184, 94) }
```

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