

Converting Colors

YUV(138.2850, -15.9165,
-28.3139)

Have a look what the booklet for
YUV(138.2850, -15.9165, -28.3139)
contains.

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Color

**YUV(138.2850, -15.9165,
-28.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA16A
RGB	106, 161, 106
RGB Percent	42%, 63%, 42%
CMY	0.5843, 0.3686, 0.5843
CMYK	0.34, 0.00, 0.34, 0.37
HSL	120°, 23%, 52%
HSV	120°, 34%, 63%
XYZ	21.2902, 29.5945, 18.2259
YIQ	138.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

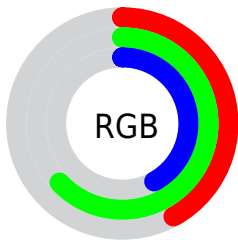
Format	Color
RYB	106, 161, 161
Decimal	6988138
CIELab	61.30, -29.54, 23.06
CIElCh	61, 37.477, 142.030
Yxy	29.5945, 0.3081, 0.4282
Android (android.graphics.Color)	4285178218 (0xFF6AA16A)
YUV	138.2850, -15.9165, -28.3139
Hunter-Lab	54.4008, -25.3439, 18.2167

Details

The YUV color **138.2850, -15.9165, -28.3139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **128.7150, 15.9165, 28.3139**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3450, -16.9321, -29.2436**, and **87.0400, -14.3167, -28.0991** is the 20% darker color. If you saturate the color by 10%, you get **131.6770, -20.5468, -36.5507**, and if you desaturate by 10%, it is **144.8930, -11.2862, -20.0772**.

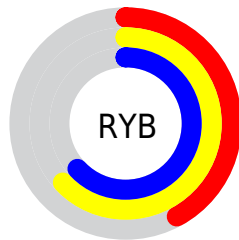
Distribution



Red (42%)

Green (63%)

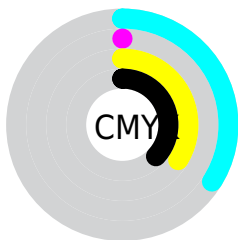
Blue (42%)



Red (42%)

Yellow (63%)

Blue (63%)

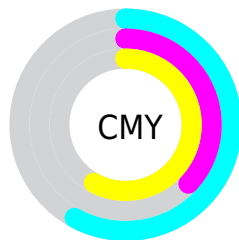


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2850, -15.9165, -28.3139 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 138.2850, -15.9165, -28.3139 by changing the saturation by 10% instead.

■ 138.2850,
-15.9165, -28.3139

■ 138.2850,
-15.9165, -28.3139

■ 255.0000, 0.0000,
0.0000

■ 112.3990,
-15.4797, -28.4139

■ 192.3450,
-16.9321, -29.2436

■ 87.0400, -14.3167,
-28.0991

■ 220.8180,
-17.6583, -29.6584

■ 62.2680, -13.4431,
-28.2990

■ 238.2520,
-12.4492, -20.3920

■ 37.4030, -11.5377,
-32.8024

■ 250.1150, -4.4937,
-5.3629

■ 22.8930, -11.2862,
-20.0772

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,

0.0000

■ 138.2850,
-15.9165, -28.3139

■ 138.2850,
-15.9165, -28.3139

■ 131.6770,
-20.5468, -36.5507

■ 144.8930,
-11.2862, -20.0772

■ 125.0690,
-25.1770, -44.7875

■ 151.5010, -6.6560,
-11.8404

■ 118.4610,
-29.8073, -53.0243

■ 158.1090, -2.0257,
-3.6036

■ 111.8530,
-34.4375, -61.2611

■ 164.7170, 2.6045,
4.6332

■ 105.2450,
-39.0678, -69.4979

■ 171.7380, 7.5242,
13.3848

■ 98.2240, -43.9874,
-78.2494

■ 178.3460, 12.1544,
21.6216

■ 94.5070, -46.5920,
-82.8826

■ 184.9540, 16.7847,
29.8583

■ 191.5620, 21.4149,
38.0951

■ 198.1700, 26.0452,
46.3319

Harmonies

Analogous

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



143.4430, -28.8124, 1.3655



138.2850, -15.9165, -28.3139



129.9290, 3.9790, -63.0817

Triad

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



138.2850, -15.9165, -28.3139



138.3010, 36.8266, -52.0070



149.8390, -12.2456, 54.5152

Complementary

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



138.2850, -15.9165, -28.3139



128.7150, 15.9165, 28.3139

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.



151.2200, 3.3425, 48.0421



138.2850, -15.9165, -28.3139



149.0290, 29.5657, -9.6724

Square

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



138.2850, -15.9165, -28.3139



117.7800, 40.0415, -103.2931



151.9750, 18.2533, 25.4549



148.0540, -25.1696, 46.4336

Rectangle

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



138.2850, -15.9165, -28.3139



115.7960, 22.2856, -101.5531



151.9750, 18.2533, 25.4549



150.5060, -7.1515, 53.9302

Sweetspot

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



138.2850, -15.9165, -28.3139



200.3270, -6.0772, -10.8108



154.7300, -24.0239, 5.4988



99.6310, -3.7621, -6.6924



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



138.2850, -15.9165, -28.3139



173.4820, -24.8876, -44.2727



141.4770, -3.6862, -31.1133



78.2830, -2.6045, -4.6332



85.1150, -41.9617, -74.6459



10.5660, -5.2090, -9.2664

Inverse Universe

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



128.7150, 15.9165, 28.3139



158.5180, 24.8876, 44.2727



125.6370, 4.1230, 31.0134



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 138.2850, -15.9165, -28.3139 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2850, -15.9165, -28.3139 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.2850, -15.9165, -28.3139 Background



This preview shows how black text looks on a background with the YUV color 138.2850, -15.9165, -28.3139.



This preview shows how white text looks on a background with the YUV color 138.2850, -15.9165, -28.3139.

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

138.2850, -15.9165, -28.3139

Protanopia

145.5290, -22.4458, 12.6911

Deuteranopia

147.3330, -18.4052, 23.3870



Tritanopia

144.3050, 10.6956, -23.9465

Trichromacy



Original Color

138.2850, -15.9165, -28.3139

Protanomaly

142.7120, -20.0710, -2.3784

Deuteranomaly

143.8530, -17.1825, 4.5139

Tritanomaly

142.3620, 0.8075, -25.7505

Monochromacy



Original Color

138.2850, -15.9165, -28.3139

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7400, -5.7878, -10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2850, -15.9165, -28.3139 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(106, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 161, 106)  
}
```

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(106, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 161, 106) }
```

Border

The CSS property to change the border of an element to YUV 138.2850, -15.9165, -28.3139 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(106, 161, 106) }
```


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

```
.border{ border-color:rgb(106, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 161,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 138.2850, -15.9165, -28.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 161, 106) }
```

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

```
.background{ background-color: rgb(106,  
161, 106) }
```

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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