

Converting Colors

YUV(138.9060, -21.1527,
-28.8586)

Have a look what the booklet for
YUV(138.9060, -21.1527, -28.8586)
contains.

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Color

**YUV(138.9060, -21.1527,
-28.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA460
RGB	106, 164, 96
RGB Percent	42%, 64%, 38%
CMY	0.5843, 0.3569, 0.6235
CMYK	0.35, 0.00, 0.41, 0.36
HSL	111°, 27%, 51%
HSV	111°, 41%, 64%
XYZ	21.3306, 30.4596, 15.8214
YIQ	138.9060, -12.7400, -33.4440

Conversions

Conversions Part 2

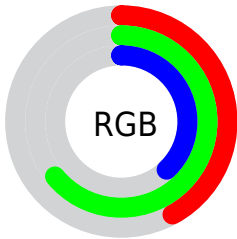
Format	Color
RYB	96, 164, 154
Decimal	6988896
CIELab	62.05, -32.57, 29.42
CIElCh	62, 43.889, 137.906
Yxy	30.4596, 0.3155, 0.4505
Android (android.graphics.Color)	4285178976 (0xFF6AA460)
YUV	138.9060, -21.1527, -28.8586
Hunter-Lab	55.1902, -27.5939, 21.6365

Details

The YUV color **138.9060, -21.1527, -28.8586** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **121.0940, 21.1527, 28.8586**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1510, -22.7524, -29.0734**, and **87.3620, -19.4055, -29.2585** is the 20% darker color. If you saturate the color by 10%, you get **132.8960, -26.0777, -35.8658**, and if you desaturate by 10%, it is **144.9160, -16.2276, -21.8513**.

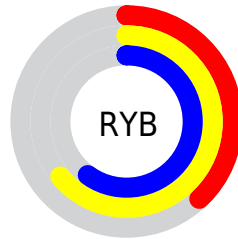
Distribution



Red (42%)

Green (64%)

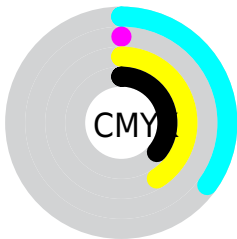
Blue (38%)



Red (38%)

Yellow (64%)

Blue (60%)

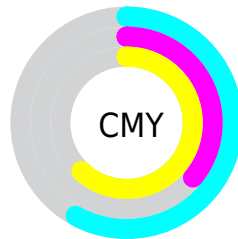


Cyan (35%)

Magenta (0%)

Yellow (41%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9060, -21.1527, -28.8586 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 138.9060, -21.1527, -28.8586 by changing the saturation by 10% instead.

■ 138.9060,
-21.1527, -28.8586

■ 138.9060,
-21.1527, -28.8586

■ 255.0000, 0.0000,
0.0000

■ 112.5470,
-19.9897, -28.5437

■ 193.1510,
-22.7524, -29.0734

■ 87.3620, -19.4055,
-29.2585

■ 221.3250,
-23.3312, -30.1030

■ 62.2910, -18.3845,
-30.0732

■ 237.2970,
-17.4014, -18.6775

■ 36.9810, -18.2316,
-32.4323

■ 249.1600, -9.4459,
-3.6483

■ 24.0670, -11.8650,
-21.1068

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,

0.0000

■ 138.9060,
-21.1527, -28.8586

■ 138.9060,
-21.1527, -28.8586

■ 132.8960,
-26.0777, -35.8658

■ 144.9160,
-16.2276, -21.8513

■ 126.7720,
-31.4396, -42.7730

■ 151.0400,
-10.8657, -14.9441

■ 120.7620,
-36.3647, -49.7803

■ 157.0500, -5.9406,
-7.9368

■ 114.6380,
-41.7265, -56.6875

■ 163.1740, -0.5788,
-1.0296

■ 108.6280,
-46.6516, -63.6948

■ 169.1840, 4.3463,
5.9776

■ 103.4440,
-50.9979, -69.6724

■ 175.1940, 9.2714,
12.9849

■ 181.3180, 14.6332,
19.8921

■ 187.3280, 19.5583,
26.8993

■ 193.4520, 24.9202,
33.8066

Harmonies

Analogous

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



144.4560, -35.2278, 5.7391



138.9060, -21.1527, -28.8586



126.2110, 2.8540, -75.6070

Triad

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



138.9060, -21.1527, -28.8586



129.2630, 47.6913, -83.5457



151.4210, -11.5466, 63.6518

Complementary

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



138.9060, -21.1527, -28.8586



121.0940, 21.1527, 28.8586

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.



152.8770, 6.9626, 53.6049



138.9060, -21.1527, -28.8586



149.5100, 36.7236, -18.8643

Square

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



138.9060, -21.1527, -28.8586



121.6270, 42.0889, -106.6669



154.3430, 23.4949, 24.2552



149.5390, -27.3807, 55.6553

Rectangle

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



138.9060, -21.1527, -28.8586



117.9160, 20.2544, -103.4123



154.3430, 23.4949, 24.2552



151.4300, -5.1420, 62.7669

Sweetspot

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



138.9060, -21.1527, -28.8586



204.4580, -8.1138, -10.9257



150.3780, -26.8084, 11.9465



101.4030, -4.6357, -6.4924



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



138.9060, -21.1527, -28.8586



174.5930, -33.3233, -45.2471



138.6520, -9.1954, -37.4058



78.8810, -2.8993, -3.4036



91.3940, -45.0572, -61.7355



11.4630, -5.6513, -7.4221

Inverse Universe

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



121.0940, 21.1527, 28.8586



146.4070, 33.3233, 45.2471



121.3480, 9.1954, 37.4058



76.1190, 2.8993, 3.4036



53.6060, 45.0572, 61.7355



6.5370, 5.6513, 7.4221

Previews

White Background



This preview shows how the YUV color 138.9060, -21.1527, -28.8586 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 138.9060, -21.1527, -28.8586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

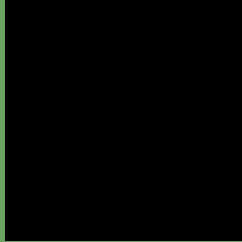
Any Text WCAG AA ✓ Pass

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 138.9060, -21.1527, -28.8586 Background



This preview shows how black text looks on a background with the YUV color 138.9060, -21.1527, -28.8586.



This preview shows how white text looks on a background with the YUV color 138.9060, -21.1527, -28.8586.

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

138.9060, -21.1527, -28.8586

Protanopia

146.4600, -27.8348, 14.5056

Deuteranopia

148.9760, -23.6522, 26.3310



Tritanopia

146.3050, 10.6956, -23.9465

Trichromacy



Original Color

138.9060, -21.1527, -28.8586

Protanomaly

143.3440, -25.3126, -1.1787

Deuteranomaly

145.3710, -22.8609, 5.8136

Tritanomaly

143.6070, -0.7923, -25.9653

Monochromacy



Original Color

138.9060, -21.1527, -28.8586

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8710, -7.8244, -10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9060, -21.1527, -28.8586 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, 164, 96)` looks like.

```
.text, #text, p{  
    color:rgb(106, 164, 96)  
}
```

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, 164, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 164, 96) }
```

Border

The CSS property to change the border of an element to YUV 138.9060, -21.1527, -28.8586 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, 164, 96) }
```


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

```
.border{ border-color:rgb(106, 164, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 164, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 164, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 164, 96);  
box-shadow:4px 4px 4px 4px rgb(106, 164,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 138.9060, -21.1527, -28.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 164, 96) }
```

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

```
.background{ background-color: rgb(106,  
164, 96) }
```

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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