

Converting Colors

YUV(132.1700, -21.7758,
-62.4161)

Have a look what the booklet for
YUV(132.1700, -21.7758, -62.4161)
contains.

YUV(132.1700, -21.7758, -62.4161)	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(132.1700, -21.7758,
-62.4161)**

Conversions

Conversions Part 1

Format	Color
Hex	3DB158
RGB	61, 177, 88
RGB Percent	24%, 69%, 35%
CMY	0.7608, 0.3059, 0.6549
CMYK	0.66, 0.00, 0.50, 0.31
HSL	134°, 49%, 47%
HSV	134°, 66%, 69%
XYZ	19.4081, 33.1410, 14.6065
YIQ	132.1700, -40.5670, -52.2710

Conversions

Conversions Part 2

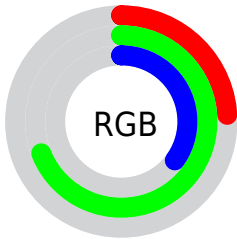
Format	Color
RYB	61, 155, 177
Decimal	4043096
CIELab	64.27, -51.58, 36.02
CIELCh	64, 62.914, 145.071
Yxy	33.1410, 0.2890, 0.4935
Android (android.graphics.Color)	4282233176 (0xFF3DB158)
YUV	132.1700, -21.7758, -62.4161
Hunter-Lab	57.5682, -40.5663, 25.2544

Details

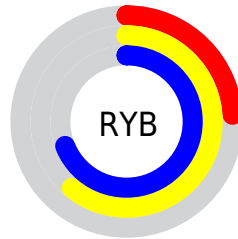
The YUV color **132.1700, -21.7758, -62.4161** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **105.8300, 21.7758, 62.4161**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4970, -24.4020, -60.0719**, and **76.6470, -18.5600, -67.2194** is the 20% darker color. If you saturate the color by 10%, you get **125.1920, -25.2377, -72.0824**, and if you desaturate by 10%, it is **139.1480, -18.3140, -52.7498**.

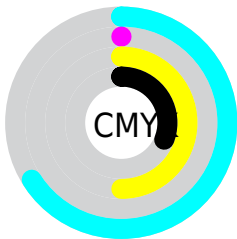
Distribution



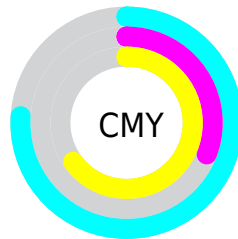
- Red (24%)
- Green (69%)
- Blue (35%)



- Red (24%)
- Yellow (61%)
- Blue (69%)



- Cyan (66%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)



- Cyan (76%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.1700, -21.7758, -62.4161 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 132.1700, -21.7758, -62.4161 by changing the saturation by 10% instead.

■ 132.1700,
-21.7758, -62.4161

■ 132.1700,
-21.7758, -62.4161

■ 255.0000, 0.0000,
0.0000

■ 101.5110,
-18.9859, -70.6081

■ 189.4970,
-24.4020, -60.0719

■ 76.6470, -18.5600,
-67.2194

■ 213.4590,
-23.3973, -55.6535

■ 58.4210, -22.3926,
-51.2352

■ 225.3220,
-15.4417, -40.6244

■ 42.2640, -20.8362,
-37.0655

■ 237.4840, -7.6336,
-24.9805

■ 28.7630, -14.1802,
-25.2252

■ 249.4610, 0.7587,
-10.0513

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,

0.0000

■ 132.1700,
-21.7758, -62.4161

■ 132.1700,
-21.7758, -62.4161

■ 125.1920,
-25.2377, -72.0824

■ 139.1480,
-18.3140, -52.7498

■ 118.6270,
-28.4101, -81.2339

■ 145.7130,
-15.1415, -43.5983

■ 111.6490,
-31.8720, -90.9002

■ 152.6910,
-11.6797, -33.9320

■ 108.5730,
-33.3135, -95.2185

■ 159.5550, -8.6546,
-24.1657

■ 166.5330, -5.1928,
-14.4994

■ 173.0980, -2.0203,
-5.3479

■ 180.0760, 1.4415,
4.3183

■ 187.0540, 4.9034,
13.9846

■ 193.6190, 8.0758,
23.1361

Harmonies

Analogous

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



144.4920, -50.0356, -4.8165



132.1700, -21.7758, -62.4161



123.2500, 10.2298, -108.0902

Triad

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



132.1700, -21.7758, -62.4161



125.9250, 63.6340, -110.4362



151.8220, -19.6322, 90.4871

Complementary

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



132.1700, -21.7758, -62.4161



105.8300, 21.7758, 62.4161

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.



154.9610, 6.4282, 85.1032



132.1700, -21.7758, -62.4161



155.7460, 48.9322, -14.6862

Square

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



132.1700, -21.7758, -62.4161



132.0570, 56.6669, -115.8140



159.9190, 30.1129, 48.3060



152.2840, -44.0170, 71.6649

Rectangle

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



132.1700, -21.7758, -62.4161



128.2830, 26.9755, -112.5042



159.9190, 30.1129, 48.3060



151.5260, -10.6123, 90.7467

Sweetspot

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



132.1700, -21.7758, -62.4161



212.1420, -8.9440, -24.6805



156.3010, -46.9834, -3.7720



104.2340, -5.0454, -15.1142



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



132.1700, -21.7758, -62.4161



159.6220, -34.3236, -97.8925



138.5540, 2.6849, -68.0149



85.5110, -1.7309, -4.8331



93.9150, -28.5521, -82.3635



15.9460, -4.9034, -13.9846

Inverse Universe

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



105.8300, 21.7758, 62.4161



118.2640, 33.8868, 97.9925



99.4460, -2.6849, 68.0149



83.4890, 1.7309, 4.8331



59.0850, 28.5521, 82.3635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 132.1700, -21.7758, -62.4161 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 132.1700, -21.7758, -62.4161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

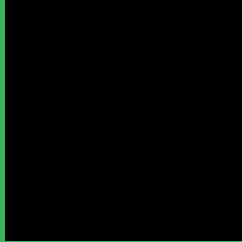
Any Text WCAG AA ✓ Pass

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 132.1700, -21.7758, -62.4161 Background



This preview shows how black text looks on a background with the YUV color 132.1700, -21.7758, -62.4161.



This preview shows how white text looks on a background with the YUV color 132.1700, -21.7758, -62.4161.

-62.4161.

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

132.1700, -21.7758, -62.4161

Protanopia

151.2340, -35.1184, 17.3348

Deuteranopia

153.6190, -28.8992, 29.2751



Tritanopia

144.8610, 17.3235, -49.8671

Trichromacy



Original Color

132.1700, -21.7758, -62.4161

Protanomaly

144.3120, -30.2268, -11.6746

Deuteranomaly

145.9800, -26.6121, -4.3675

Tritanomaly

140.4570, 3.2257, -54.7748

Monochromacy



Original Color

132.1700, -21.7758, -62.4161

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7940, -7.7864, -22.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1700, -21.7758, -62.4161 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(61, 177, 88)` looks like.

```
.text, #text, p{  
    color:rgb(61, 177, 88)  
}
```

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(61, 177, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 177, 88) }
```

Border

The CSS property to change the border of an element to YUV 132.1700, -21.7758, -62.4161 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(61, 177, 88) }
```


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

```
.border{ border-color:rgb(61, 177, 88) }
```

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

Here you see how a box with a 4 pixel rgb(61, 177, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 177, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 177, 88);  
box-shadow:4px 4px 4px 4px rgb(61, 177,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 132.1700, -21.7758, -62.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 177, 88) }
```

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

```
.background{ background-color: rgb(61, 177,  
88) }
```

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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