

Converting Colors

YUV(160.6130, -3.2602,
-27.7246)

Have a look what the booklet for
YUV(160.6130, -3.2602, -27.7246)
contains.

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Color

**YUV(160.6130, -3.2602,
-27.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	81B29A
RGB	129, 178, 154
RGB Percent	51%, 70%, 60%
CMY	0.4941, 0.3020, 0.3961
CMYK	0.28, 0.00, 0.13, 0.30
HSL	151°, 24%, 60%
HSV	151°, 28%, 70%
XYZ	30.8064, 38.8410, 36.4452
YIQ	160.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

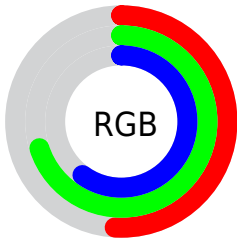
Format	Color
RYB	129, 161, 178
Decimal	8499866
CIELab	68.64, -21.35, 7.06
CIElCh	69, 22.491, 161.706
Yxy	38.8410, 0.2904, 0.3661
Android (android.graphics.Color)	4286689946 (0xFF81B29A)
YUV	160.6130, -3.2602, -27.7246
Hunter-Lab	62.3226, -20.8309, 8.9539

Details

The YUV color **160.6130, -3.2602, -27.7246** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.3870, 3.2602, 27.7246**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7870, -3.8390, -28.7542**, and **108.4390, -2.6814, -26.6950** is the 20% darker color. If you saturate the color by 10%, you get **154.2050, -4.5381, -37.8908**, and if you desaturate by 10%, it is **167.0210, -1.9824, -17.5584**.

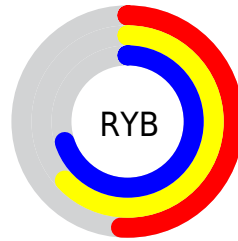
Distribution



Red (51%)

Green (70%)

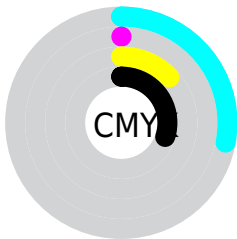
Blue (60%)



Red (51%)

Yellow (63%)

Blue (70%)

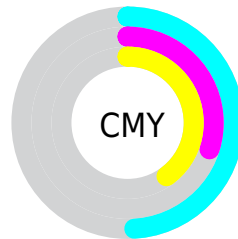


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (30%)



Cyan (49%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6130, -3.2602, -27.7246 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 160.6130, -3.2602, -27.7246 by changing the saturation by 10% instead.

■ 160.6130, -3.2602,
-27.7246

■ 160.6130, -3.2602,
-27.7246

255.0000, 0.0000,
0.0000

■ 134.0260, -2.9708,
-27.2098

■ 215.7870, -3.8390,
-28.7542

■ 108.4390, -2.6814,
-26.6950

■ 239.7920, -1.3765,
-25.2506

■ 83.8520, -2.3920,
-26.1802

■ 250.2160, 2.3585,
-9.8364

■ 59.6670, -1.8078,
-26.8950

■ 35.9980, -0.4920,
-28.9392

■ 20.2660, -3.5821,
-17.7733

■ 0.0000, 0.0000,

0.0000

■ 160.6130, -3.2602,
-27.7246

■ 160.6130, -3.2602,
-27.7246

■ 154.2050, -4.5381,
-37.8908

■ 167.0210, -1.9824,
-17.5584

■ 147.9110, -5.3791,
-48.1569

■ 173.3150, -1.1413,
-7.2923

■ 141.8020, -6.8044,
-57.7084

■ 179.4240, 0.2840,
2.2592

■ 135.3940, -8.0822,
-67.8745

■ 185.8320, 1.5618,
12.4253

■ 128.9860, -9.3601,
-78.0407

■ 192.2400, 2.8397,
22.5915

■ 122.6920,
-10.2012, -88.3069

■ 198.5340, 3.6807,
32.8577

■ 116.2840,
-11.4790, -98.4731

■ 204.9420, 4.9586,
43.0239

■ 114.8600,
-11.7630, -100.7322

■ 206.2670, 8.7424,
42.7388

■ 207.1790, 12.2368,
41.9390

Harmonies

Analogous

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



163.2040, -12.9186, -9.8259



160.6130, -3.2602, -27.7246



158.8100, 7.9817, -40.1754

Triad

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



160.6130, -3.2602, -27.7246



167.6730, 19.3882, -11.9912



169.2400, -13.9223, 32.2385

Complementary

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



160.6130, -3.2602, -27.7246



146.3870, 3.2602, 27.7246

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.



170.5420, -5.1972, 33.7277



160.6130, -3.2602, -27.7246



170.6110, 13.5028, 9.1112

Square

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



160.6130, -3.2602, -27.7246



162.8940, 20.7583, -31.4790



170.8320, 5.0128, 25.5803



167.8060, -19.1314, 22.9721

Rectangle

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



160.6130, -3.2602, -27.7246



158.5090, 14.5391, -43.4194



170.8320, 5.0128, 25.5803



169.3480, -11.0176, 33.8978

Sweetspot

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



160.6130, -3.2602, -27.7246



225.2930, -1.1304, -10.7810



165.2380, -17.8653, -9.8557



113.1410, -0.5625, -6.2627



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



160.6130, -3.2602, -27.7246



204.7590, -4.8112, -43.6386



163.3490, 7.2229, -30.1241



85.8530, -0.4205, -5.1331



98.7030, -10.2066, -86.5625



16.7440, -1.8458, -14.6845

Inverse Universe

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



146.3870, 3.2602, 27.7246



182.3550, 5.2480, 43.5387



143.6510, -7.2229, 30.1241



83.2610, 0.8573, 5.0331



54.2970, 10.2066, 86.5625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 160.6130, -3.2602, -27.7246 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 160.6130, -3.2602, -27.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

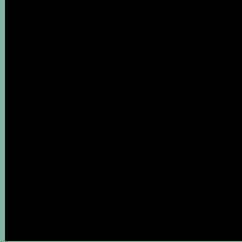
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.6130, -3.2602, -27.7246

Background



This preview shows how black text looks on a background with the YUV color 160.6130, -3.2602, -27.7246.



This preview shows how white text looks on a background with the YUV color 160.6130, -3.2602, -27.7246.

-27.7246.

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

160.6130, -3.2602, -27.7246

Protanopia

166.3400, -9.0416, 6.7178

Deuteranopia

168.1330, -4.9956, 15.6694



Tritanopia

163.5330, 11.5692, -24.1464

Trichromacy



Original Color

160.6130, -3.2602, -27.7246

Protanomaly

164.1320, -6.9671, -5.3778

Deuteranomaly

165.2620, -4.0732, -0.2298

Tritanomaly

162.4420, 6.1911, -25.8206

Monochromacy



Original Color

160.6130, -3.2602, -27.7246

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.5920, -1.2779, -10.1662

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6130, -3.2602, -27.7246 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(129, 178, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 178, 154)  
}
```

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(129, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 178, 154) }
```

Border

The CSS property to change the border of an element to YUV 160.6130, -3.2602, -27.7246 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(129, 178, 154) }
```


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

```
.border{ border-color:rgb(129, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(129, 178,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 160.6130, -3.2602, -27.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 178, 154) }
```

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

```
.background{ background-color: rgb(129,  
178, 154) }
```

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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