

Converting Colors

YUV(127.3170, -31.2153,
-21.3260)

Have a look what the booklet for
YUV(127.3170, -31.2153, -21.3260)
contains.

YUV(127.3170, -31.2153, -21.3260)	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(127.3170, -31.2153,
-21.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	679840
RGB	103, 152, 64
RGB Percent	40%, 60%, 25%
CMY	0.5961, 0.4039, 0.7490
CMYK	0.32, 0.00, 0.58, 0.40
HSL	93°, 41%, 42%
HSV	93°, 58%, 60%
XYZ	17.7472, 25.7102, 8.8777
YIQ	127.3170, -0.9560, -37.7560

Conversions

Conversions Part 2

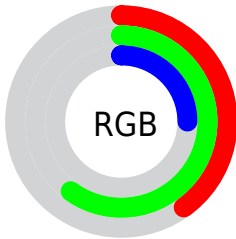
Format	Color
RYB	64, 152, 113
Decimal	6789184
CIELab	57.76, -32.15, 40.45
CIELCh	58, 51.672, 128.482
Yxy	25.7102, 0.3391, 0.4913
Android (android.graphics.Color)	4284979264 (0xFF679840)
YUV	127.3170, -31.2153, -21.3260
Hunter-Lab	50.7052, -26.2580, 25.1129

Details

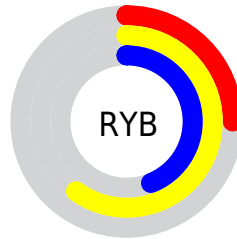
The YUV color **127.3170, -31.2153, -21.3260** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **88.6830, 31.2153, 21.3260**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5620, -32.8151, -21.5409**, and **75.9040, -31.5047, -21.8408** is the 20% darker color. If you saturate the color by 10%, you get **123.2150, -36.5880, -24.7446**, and if you desaturate by 10%, it is **131.4190, -25.8426, -17.9075**.

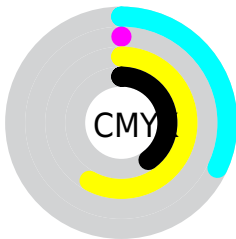
Distribution



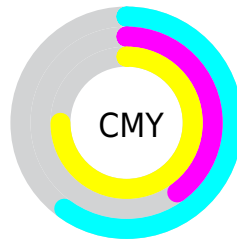
- Red (40%)
- Green (60%)
- Blue (25%)



- Red (25%)
- Yellow (60%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3170, -31.2153, -21.3260 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 127.3170, -31.2153, -21.3260 by changing the saturation by 10% instead.

■ 127.3170,
-31.2153, -21.3260

■ 127.3170,
-31.2153, -21.3260

255.0000, 0.0000,
0.0000

■ 101.4310,
-30.7785, -21.4260

■ 181.5620,
-32.8151, -21.5409

■ 75.9040, -31.5047,
-21.8408

■ 209.0350,
-33.5413, -21.9557

■ 51.7880, -25.5315,
-24.3701

■ 232.5240,
-31.8103, -17.1225

■ 31.1110, -15.3377,
-27.2843

■ 244.3870,
-23.8548, -2.0934

■ 19.9580, -9.8393,
-17.5032

■ 251.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 127.3170,
-31.2153, -21.3260

■ 127.3170,
-31.2153, -21.3260

■ 123.2150,
-36.5880, -24.7446

■ 131.4190,
-25.8426, -17.9075

■ 118.8140,
-41.8133, -28.7779

■ 135.8200,
-20.6173, -13.8741

■ 114.5980,
-47.6228, -32.0964

■ 140.0360,
-14.8077, -10.5556

■ 110.1970,
-52.8481, -36.1298

■ 144.4370, -9.5824,
-6.5222

■ 109.2570,
-53.8637, -37.0594

■ 148.5390, -4.2097,
-3.1037

■ 152.9400, 1.0156,
0.9296

■ 157.0420, 6.3883,
4.3482

■ 161.5570, 12.0504,
8.2815

■ 165.6590, 17.4231,
11.7001

Harmonies

Analogous

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



132.7040, -44.7171, 16.0456



127.3170, -31.2153, -21.3260



108.1790, -2.0602, -86.1030

Triad

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



127.3170, -31.2153, -21.3260



114.5320, 52.9817, -100.4446



138.4960, -5.1745, 73.2330

Complementary

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



127.3170, -31.2153, -21.3260



88.6830, 31.2153, 21.3260

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.



141.7660, 15.3984, 54.5792



127.3170, -31.2153, -21.3260



130.0100, 48.3091, -48.2438

Square

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



127.3170, -31.2153, -21.3260



115.4490, 38.7256, -101.2488



142.2090, 33.4210, 13.8487



136.7840, -25.5295, 68.5954

Rectangle

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



127.3170, -31.2153, -21.3260



109.8970, 12.3758, -96.3797



142.2090, 33.4210, 13.8487



139.0100, 1.9671, 69.2742

Sweetspot

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



127.3170, -31.2153, -21.3260



186.8560, -11.7610, -7.7667



118.4880, -26.8626, 29.3900



93.5450, -6.6777, -4.8630



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.3170, -31.2153, -21.3260



158.1850, -47.9122, -32.6112



116.1120, -23.7192, -45.7022



74.5930, -2.7573, -2.2741



100.7180, -49.6540, -33.9557



9.4250, -4.6465, -3.0037

Inverse Universe

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



88.6830, 31.2153, 21.3260



98.8150, 47.9122, 32.6112



99.8880, 23.7192, 45.7022



71.1080, 2.9048, 1.6593



39.2820, 49.6540, 33.9557



3.5750, 4.6465, 3.0037

Previews

White Background



This preview shows how the YUV color 127.3170, -31.2153, -21.3260 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 127.3170, -31.2153, -21.3260 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 127.3170, -31.2153, -21.3260 Background



This preview shows how black text looks on a background with the YUV color 127.3170, -31.2153, -21.3260.



This preview shows how white text looks on a background with the YUV color 127.3170, -31.2153, -21.3260.

-21.3260.

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

127.3170, -31.2153, -21.3260

Protanopia

133.8920, -36.4288, 17.6347

Deuteranopia

136.2940, -32.6829, 29.5602



Tritanopia

136.1810, 8.7848, -17.6987

Trichromacy



Original Color

127.3170, -31.2153, -21.3260

Protanomaly

131.2600, -34.6382, 3.2800

Deuteranomaly

132.9990, -32.0445, 11.4019

Tritanomaly

132.6850, -5.7607, -19.0177

Monochromacy



Original Color

127.3170, -31.2153, -21.3260

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9700, -11.3242, -7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3170, -31.2153, -21.3260 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(103, 152, 64)` looks like.

```
.text, #text, p{  
    color:rgb(103, 152, 64)  
}
```

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(103, 152, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 152, 64) }
```

Border

The CSS property to change the border of an element to YUV 127.3170, -31.2153, -21.3260 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(103, 152, 64) }
```


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

```
.border{ border-color:rgb(103, 152, 64) }
```

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

Here you see how a box with a 4 pixel rgb(103, 152, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 152, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 152, 64);  
box-shadow:4px 4px 4px 4px rgb(103, 152,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 127.3170, -31.2153, -21.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 152, 64) }
```

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

```
.background{ background-color: rgb(103,  
152, 64) }
```

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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