

Converting Colors

YUV(121.0750, -31.0960,
-59.7018)

Have a look what the booklet for
YUV(121.0750, -31.0960, -59.7018)
contains.

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Color

**YUV(121.0750, -31.0960,
-59.7018)**

Conversions

Conversions Part 1

Format	Color
Hex	35A83A
RGB	53, 168, 58
RGB Percent	21%, 66%, 23%
CMY	0.7922, 0.3412, 0.7725
CMYK	0.68, 0.00, 0.65, 0.34
HSL	123°, 52%, 43%
HSV	123°, 68%, 66%
XYZ	16.2346, 29.0676, 8.7580
YIQ	121.0750, -33.2300, -58.5900

Conversions

Conversions Part 2

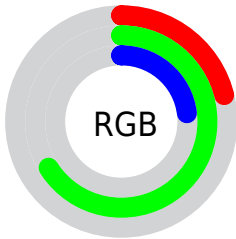
Format	Color
RYB	53, 163, 168
Decimal	3516474
CIELab	60.84, -53.79, 46.15
CIELCh	61, 70.878, 139.372
Yxy	29.0676, 0.3003, 0.5377
Android (android.graphics.Color)	4281706554 (0xFF35A83A)
YUV	121.0750, -31.0960, -59.7018
Hunter-Lab	53.9144, -40.6008, 28.1089




Details

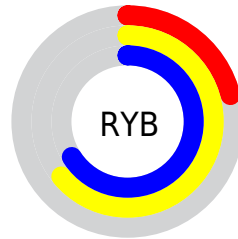
The YUV color **121.0750, -31.0960, -59.7018** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99.9250, 31.0960, 59.7018**, and the grayscale version is **121.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **178.4130, -33.7276, -55.6132**, and **67.5050, -33.2800, -59.2019** is the 20% darker color. If you saturate the color by 10%, you get **114.1680, -35.5788, -68.5533**, and if you desaturate by 10%, it is **127.9820, -26.6131, -50.8502**.

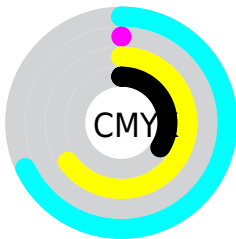
Distribution







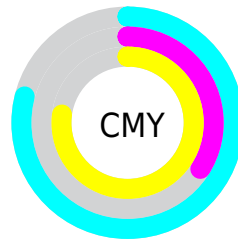
-  Red (21%)
-  Green (66%)
-  Blue (23%)






-  Red (21%)
-  Yellow (64%)
-  Blue (66%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (65%)
-  Black (34%)



-  Cyan (79%)
-  Magenta (34%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0750, -31.0960, -59.7018 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 121.0750, -31.0960, -59.7018 by changing the saturation by 10% instead.

■ 121.0750,
-31.0960, -59.7018

■ 121.0750,
-31.0960, -59.7018

■ 255.0000, 0.0000,
0.0000

■ 86.8990, -27.5582,
-74.4564

■ 178.4130,
-33.7276, -55.6132

■ 67.5050, -33.2800,
-59.2019

■ 207.0710,
-35.0380, -55.3133

■ 52.2430, -25.7558,
-45.8171

■ 220.1080,
-27.6612, -41.3137

■ 37.5680, -18.5210,
-32.9471

■ 231.8570,
-20.1425, -26.1846

■ 24.6540, -12.1544,
-21.6216

■ 244.1330,
-11.8976, -10.6406

■ 3.5220, -1.7363,
-3.0888

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 121.0750,
-31.0960, -59.7018

■ 121.0750,
-31.0960, -59.7018

■ 114.1680,
-35.5788, -68.5533

■ 127.9820,
-26.6131, -50.8502

■ 107.2610,
-40.0617, -77.4049

■ 134.8890,
-22.1303, -41.9987

■ 100.6530,
-44.6919, -85.6417

■ 141.4970,
-17.5000, -33.7619

■ 99.4140, -45.5601,
-87.1861

■ 148.4040,
-13.0172, -24.9103

■ 155.3110, -8.5343,
-16.0587

■ 162.2180, -4.0515,
-7.2072

■ 169.1250, 0.4314,
1.6444

■ 175.8470, 5.4984,
9.7812

■ 182.7540, 9.9813,
18.6327

Harmonies

Analogous

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



132.5350, -65.3398, 3.9158



121.0750, -31.0960, -59.7018



116.0460, 2.9353, -101.7723

Triad

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



121.0750, -31.0960, -59.7018



123.5770, 64.7915, -108.3770



137.9790, -14.2866, 102.6274

Complementary

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



121.0750, -31.0960, -59.7018



99.9250, 31.0960, 59.7018

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.



142.7690, 14.4109, 91.4106



121.0750, -31.0960, -59.7018



139.6550, 56.8651, -39.1624

Square

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



121.0750, -31.0960, -59.7018



128.4380, 55.4931, -112.6401



150.1770, 38.8597, 42.8178



140.6600, -44.2024, 84.4902

Rectangle

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



121.0750, -31.0960, -59.7018



121.5350, 21.4282, -106.5862



150.1770, 38.8597, 42.8178



138.0250, -3.9563, 102.5871

Sweetspot

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



121.0750, -31.0960, -59.7018



200.2300, -12.4384, -23.8807



153.6940, -49.6421, 9.0384



98.5500, -7.6661, -14.5143



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.0750, -31.0960, -59.7018



145.5720, -48.5960, -93.4636



127.4590, -6.6353, -65.3005



80.6960, -2.3151, -4.1184



87.5600, -40.2091, -76.7901



11.8540, -5.3510, -10.3960

Inverse Universe

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



99.9250, 31.0960, 59.7018



112.4280, 48.5960, 93.4636



93.5410, 6.6353, 65.3005



79.3040, 2.3151, 4.1184



60.3260, 39.7723, 76.8901



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 121.0750, -31.0960, -59.7018 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 121.0750, -31.0960, -59.7018 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 121.0750, -31.0960, -59.7018 Background



This preview shows how black text looks on a background with the YUV color 121.0750, -31.0960, -59.7018.



This preview shows how white text looks on a background with the YUV color 121.0750, -31.0960, -59.7018.

-59.7018.

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

121.0750, -31.0960, -59.7018

Protanopia

140.3670, -43.5649, 19.8491

Deuteranopia

143.0510, -37.4931, 32.4043



Tritanopia

136.6550, 16.4391, -46.1784

Trichromacy



Original Color

121.0750, -31.0960, -59.7018



Protanomaly

133.3310, -39.1102, -9.0603



Deuteranomaly

135.4120, -35.2061, -1.2383



Tritanomaly

131.0400, -1.0057, -50.9011

Monochromacy



Original Color

121.0750, -31.0960, -59.7018



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.8820, -11.2808, -21.8215

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0750, -31.0960, -59.7018 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(53, 168, 58)` looks like.

```
.text, #text, p{  
    color:rgb(53, 168, 58)  
}
```

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(53, 168, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 168, 58) }
```

Border

The CSS property to change the border of an element to YUV 121.0750, -31.0960, -59.7018 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(53, 168, 58) }
```


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

```
.border{ border-color:rgb(53, 168, 58) }
```

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

Here you see how a box with a 4 pixel rgb(53, 168, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 168, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 168, 58);  
box-shadow:4px 4px 4px 4px rgb(53, 168,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 121.0750, -31.0960, -59.7018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 168, 58) }
```

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

```
.background{ background-color: rgb(53, 168,  
58) }
```

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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