

Converting Colors

YUV(110.9040, -31.9977,
-97.2628)

Have a look what the booklet for
YUV(110.9040, -31.9977, -97.2628)
contains.

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Color

**YUV(110.9040, -31.9977,
-97.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	00B42E
RGB	0, 180, 46
RGB Percent	0%, 71%, 18%
CMY	1.0000, 0.2941, 0.8196
CMYK	1.00, 0.00, 0.74, 0.29
HSL	135°, 100%, 35%
HSV	135°, 100%, 71%
XYZ	16.8144, 32.8398, 8.0373
YIQ	110.9040, -64.2660, -79.8340

Conversions

Conversions Part 2

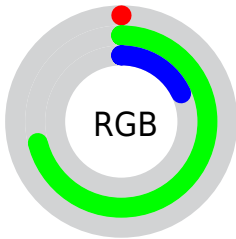
Format	Color
RYB	0, 143, 180
Decimal	46126
CIELab	64.03, -64.28, 54.09
CIELCh	64, 84.006, 139.920
Yxy	32.8398, 0.2915, 0.5692
Android (android.graphics.Color)	4278236206 (0xFF00B42E)
YUV	110.9040, -31.9977, -97.2628
Hunter-Lab	57.3060, -47.9110, 31.7987

Details

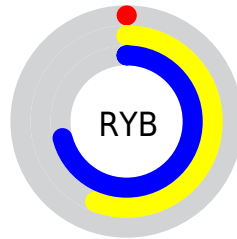
The YUV color **110.9040, -31.9977, -97.2628** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **69.0960, 31.9977, 97.2628**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5220, -39.2043, -72.3718**, and **73.3750, -36.1739, -64.3499** is the 20% darker color. If you saturate the color by 10%, you get **110.9040, -31.9977, -97.2628**, and if you desaturate by 10%, it is **117.7680, -28.9726, -87.4965**.

Distribution



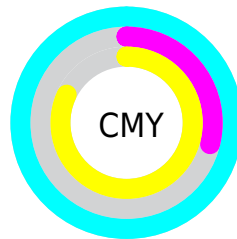
- Red (0%)
- Green (71%)
- Blue (18%)



- Red (0%)
- Yellow (56%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9040, -31.9977, -97.2628 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 110.9040, -31.9977, -97.2628 by changing the saturation by 10% instead.

■ 110.9040,
-31.9977, -97.2628

■ 110.9040,
-31.9977, -97.2628

■ 255.0000, 0.0000,
0.0000

■ 90.4780, -39.1827,
-79.3492

■ 179.5220,
-39.2043, -72.3718

■ 73.3750, -36.1739,
-64.3499

■ 202.4350,
-37.1895, -65.2795

■ 58.1130, -28.6497,
-50.9651

■ 214.8960,
-29.5287, -49.0208

■ 43.4380, -21.4149,
-38.0951

■ 227.0580,
-21.7206, -33.3769

■ 29.9370, -14.7589,
-26.2547

■ 239.5190,
-14.0599, -17.1182

■ 13.5010, -6.6560,
-11.8404

■ 252.0940, -5.9623,

■ 0.0000, 0.0000,

-0.9594

0.0000

■ 110.9040,
-31.9977, -97.2628

■ 117.7680,
-28.9726, -87.4965

■ 124.7460,
-25.5108, -77.8302

■ 131.6100,
-22.4857, -68.0640

■ 138.5880,
-19.0239, -58.3977

■ 145.4520,
-15.9988, -48.6314

■ 152.3160,
-12.9738, -38.8651

■ 159.2940, -9.5119,
-29.1988

■ 166.1580, -6.4869,
-19.4326

■ 173.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



139.8890, -68.9653, 0.0973



110.9040, -31.9977, -97.2628



123.5460, 1.2098, -108.3498

Triad

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



110.9040, -31.9977, -97.2628



130.0340, 61.6082, -114.0398



129.7610, -10.2352, 109.8346

Complementary

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



110.9040, -31.9977, -97.2628



69.0960, 31.9977, 97.2628

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.



137.7240, 22.8141, 102.8511



110.9040, -31.9977, -97.2628



139.5890, 56.8976, -49.6286

Square

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



110.9040, -31.9977, -97.2628



137.0780, 58.1355, -120.2174



157.4200, 47.1209, 53.1287



143.7450, -53.1183, 97.5706

Rectangle

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



110.9040, -31.9977, -97.2628



130.7620, 23.7813, -114.6783



157.4200, 47.1209, 53.1287



128.5020, 2.7105, 110.9387

Sweetspot

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



110.9040, -31.9977, -97.2628



207.7290, -12.6844, -38.3503



146.0250, -71.9903, -9.6689



100.9080, -7.3496, -22.7213



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.



110.9040, -31.9977, -97.2628



144.7850, -41.7990, -126.9764



121.0500, 6.8774, -106.1608



85.6250, -1.2941, -4.9331



94.2570, -27.2417, -82.6634



16.0600, -4.4666, -14.0846

Inverse Universe

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



69.0960, 31.9977, 97.2628



90.2150, 41.7990, 126.9764



58.9500, -6.8774, 106.1608



83.4890, 1.7309, 4.8331



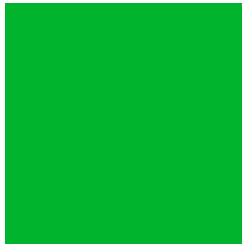
58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 110.9040, -31.9977, -97.2628 looks on a white background.

Color Contrast Check

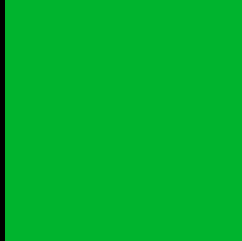
Large Text (above 18pt) WCAG AA × Fail

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 110.9040, -31.9977, -97.2628 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 110.9040, -31.9977, -97.2628 Background



This preview shows how black text looks on a background with the YUV color 110.9040, -31.9977, -97.2628.



This preview shows how white text looks on a background with the YUV color 110.9040, -31.9977, -97.2628.

-97.2628.

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

110.9040, -31.9977, -97.2628

Protanopia

146.5710, -53.0325, 23.1782

Deuteranopia

149.8360, -44.7821, 36.9778



Tritanopia

141.3760, 19.5346, -59.0888

Trichromacy



Original Color

110.9040, -31.9977, -97.2628



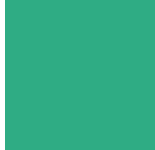
Protanomaly

133.3590, -45.0400, -20.4858



Deuteranomaly

135.3800, -40.1203, -11.7343



Tritanomaly

130.0650, 0.9540, -72.8480

Monochromacy



Original Color

110.9040, -31.9977, -97.2628



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

110.9790, -11.8216, -35.0616

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9040, -31.9977, -97.2628 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(0, 180, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 46)  
}
```

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(0, 180, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 46) }
```

Border

The CSS property to change the border of an element to YUV 110.9040, -31.9977, -97.2628 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(0, 180, 46) }
```


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

```
.border{ border-color:rgb(0, 180, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 46);  
box-shadow:4px 4px 4px 4px rgb(0, 180, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 110.9040, -31.9977, -97.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 46) }
```

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

```
.background{ background-color: rgb(0, 180,  
46) }
```

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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