

Converting Colors

YUV(111.6640, -30.8934,
-31.2773)

Have a look what the booklet for
YUV(111.6640, -30.8934, -31.2773)
contains.

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Color

**YUV(111.6640, -30.8934,
-31.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8E31
RGB	76, 142, 49
RGB Percent	30%, 56%, 19%
CMY	0.7020, 0.4431, 0.8078
CMYK	0.46, 0.00, 0.65, 0.44
HSL	103°, 49%, 37%
HSV	103°, 65%, 56%
XYZ	13.2079, 21.1043, 6.2831
YIQ	111.6640, -9.4830, -42.9150

Conversions

Conversions Part 2

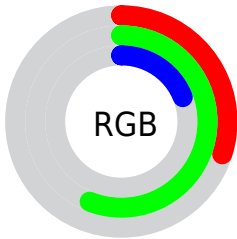
Format	Color
R_{YB}	49, 142, 115
Decimal	5017137
CIE _{Lab}	53.06, -38.71, 41.79
CIE _{LCh}	53, 56.960, 132.807
Yxy	21.1043, 0.3254, 0.5199
Android (android.graphics.Color)	4283207217 (0xFF4C8E31)
YUV	111.6640, -30.8934, -31.2773
Hunter-Lab	45.9394, -29.0740, 24.0485

Details

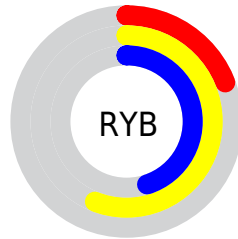
The YUV color **111.6640, -30.8934, -31.2773** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **79.3360, 30.8934, 31.2773**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2080, -32.6405, -30.8774**, and **58.5000, -28.8405, -36.3955** is the 20% darker color. If you saturate the color by 10%, you get **107.0780, -35.5345, -36.0254**, and if you desaturate by 10%, it is **116.2500, -26.2523, -26.5293**.

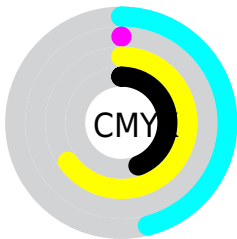
Distribution



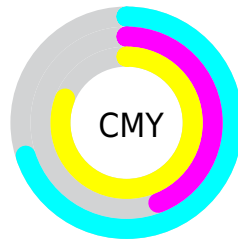
- Red (30%)
- Green (56%)
- Blue (19%)



- Red (19%)
- Yellow (56%)
- Blue (45%)



- Cyan (46%)
- Magenta (0%)
- Yellow (65%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6640, -30.8934, -31.2773 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 111.6640, -30.8934, -31.2773 by changing the saturation by 10% instead.

■ 111.6640,
-30.8934, -31.2773

■ 111.6640,
-30.8934, -31.2773

■ 255.0000, 0.0000,
0.0000

■ 85.3650, -30.7459,
-31.8921

■ 165.2080,
-32.6405, -30.8774

■ 58.5000, -28.8405,
-36.3955

■ 192.6810,
-33.3667, -31.2922

■ 39.3290, -19.3892,
-34.4915

■ 221.4530,
-34.2403, -31.0923

■ 25.8280, -12.7332,
-22.6512

■ 234.0770,
-27.1530, -17.6075

■ 11.1530, -5.4984,
-9.7812

■ 245.9400,
-19.1974, -2.5784

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,

1.8996

■ 111.6640,
-30.8934, -31.2773

■ 111.6640,
-30.8934, -31.2773

■ 107.0780,
-35.5345, -36.0254

■ 116.2500,
-26.2523, -26.5293

■ 102.4920,
-40.1756, -40.7735

■ 120.8360,
-21.6111, -21.7812

■ 97.7920, -45.2535,
-45.4216

■ 125.5360,
-16.5332, -17.1331

■ 95.6130, -47.1372,
-47.8956

■ 130.1220,
-11.8921, -12.3850

■ 134.7080, -7.2510,
-7.6369

■ 139.2940, -2.6099,
-2.8888

■ 144.1790, 1.8838,
2.4740

■ 148.8790, 6.9617,
7.1221

■ 153.4650, 11.6028,
11.8702

Harmonies

Analogous

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



117.7330, -52.1264, 12.5122



111.6640, -30.8934, -31.2773



97.8200, -0.8973, -85.7881

Triad

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



111.6640, -30.8934, -31.2773



107.2600, 55.5808, -94.0670



122.9700, -7.3802, 80.7103

Complementary

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



111.6640, -30.8934, -31.2773



79.3360, 30.8934, 31.2773

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.



127.3050, 14.6396, 64.6305



111.6640, -30.8934, -31.2773



117.9330, 51.7980, -47.2992

Square

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



111.6640, -30.8934, -31.2773



108.7640, 41.0353, -95.3860



130.3780, 33.8306, 22.4705



122.6550, -29.9029, 71.3396

Rectangle

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



111.6640, -30.8934, -31.2773



102.8700, 13.3751, -90.2170



130.3780, 33.8306, 22.4705



123.6090, 0.1928, 78.3959

Sweetspot

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



111.6640, -30.8934, -31.2773



172.0080, -12.3289, -12.2850



114.9620, -32.5193, 23.7123



84.7080, -7.2510, -7.6369



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



111.6640, -30.8934, -31.2773



136.6730, -48.1528, -48.8252



105.7570, -18.6142, -49.7759



68.7070, -2.3206, -2.3740



90.9060, -44.8167, -45.5216



5.2940, -2.6099, -2.8888

Inverse Universe

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



79.3360, 30.8934, 31.2773



86.0280, 48.3002, 48.2104



85.2430, 18.6142, 49.7759



66.2930, 2.3206, 2.3740



44.0940, 44.8167, 45.5216



2.4070, 2.7573, 2.2741

Previews

White Background



This preview shows how the YUV color 111.6640, -30.8934, -31.2773 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 111.6640, -30.8934, -31.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

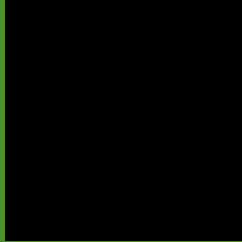
Any Text WCAG AA ✓ Pass

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 111.6640, -30.8934, -31.2773 Background



This preview shows how black text looks on a background with the YUV color 111.6640, -30.8934, -31.2773.



This preview shows how white text looks on a background with the YUV color 111.6640, -30.8934, -31.2773.

-31.2773.

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

111.6640, -30.8934, -31.2773

Protanopia

121.2510, -37.5917, 17.3199

Deuteranopia

123.4680, -33.2617, 28.5306



Tritanopia

122.2940, 10.7011, -25.6908

Trichromacy



Original Color

111.6640, -30.8934, -31.2773

Protanomaly

117.7110, -35.3535, -0.6235

Deuteranomaly

119.1510, -32.6124, 6.8836

Tritanomaly

118.2710, -4.5706, -27.4247

Monochromacy



Original Color

111.6640, -30.8934, -31.2773

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9480, -11.3134, -11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6640, -30.8934, -31.2773 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(76, 142, 49)` looks like.

```
.text, #text, p{  
    color:rgb(76, 142, 49)  
}
```

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(76, 142, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 142, 49) }
```

Border

The CSS property to change the border of an element to YUV 111.6640, -30.8934, -31.2773 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(76, 142, 49) }
```


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

```
.border{ border-color:rgb(76, 142, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 142, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 142, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 142, 49);  
box-shadow:4px 4px 4px 4px rgb(76, 142,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 111.6640, -30.8934, -31.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 142, 49) }
```

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

```
.background{ background-color: rgb(76, 142,  
49) }
```

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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