

Converting Colors

YUV(95.5620, -16.0531,
-31.1879)

Have a look what the booklet for
YUV(95.5620, -16.0531, -31.1879)
contains.

YUV(95.5620, -16.0531, -31.1879)	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(95.5620, -16.0531,
-31.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	3C783F
RGB	60, 120, 63
RGB Percent	24%, 47%, 25%
CMY	0.7647, 0.5294, 0.7529
CMYK	0.50, 0.00, 0.47, 0.53
HSL	123°, 33%, 35%
HSV	123°, 50%, 47%
XYZ	9.4772, 14.7525, 7.0506
YIQ	95.5620, -17.4630, -30.4470

Conversions

Conversions Part 2

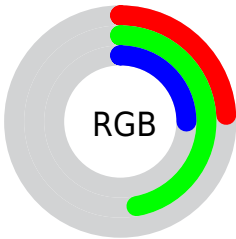
Format	Color
RYB	60, 117, 120
Decimal	3962943
CIELab	45.29, -32.34, 25.37
CIELCh	45, 41.101, 141.892
Yxy	14.7525, 0.3030, 0.4716
Android (android.graphics.Color)	4282153023 (0xFF3C783F)
YUV	95.5620, -16.0531, -31.1879
Hunter-Lab	38.4090, -23.1720, 16.0025

Details

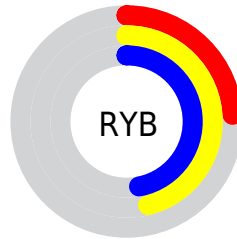
The YUV color **95.5620, -16.0531, -31.1879** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **84.4380, 16.0531, 31.1879**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8070, -17.6529, -31.4027**, and **44.0280, -12.8318, -37.7356** is the 20% darker color. If you saturate the color by 10%, you get **90.7200, -19.0890, -37.4654**, and if you desaturate by 10%, it is **100.4040, -13.0172, -24.9103**.

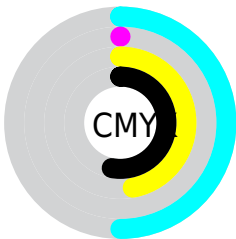
Distribution



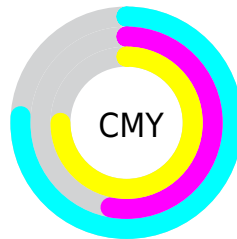
- Red (24%)
- Green (47%)
- Blue (25%)



- Red (24%)
- Yellow (46%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5620, -16.0531, -31.1879 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 95.5620, -16.0531, -31.1879 by changing the saturation by 10% instead.

■ 95.5620, -16.0531,
-31.1879

■ 95.5620, -16.0531,
-31.1879

255.0000, 0.0000,
0.0000

■ 70.4910, -15.0321,
-32.0026

■ 147.8070,
-17.6529, -31.4027

■ 44.0280, -12.8318,
-37.7356

■ 174.2800,
-18.3790, -31.8176

■ 27.5890, -13.6014,
-24.1956

■ 202.4540,
-18.9578, -32.8472

■ 15.8490, -7.8136,
-13.8996

■ 229.1660,
-18.8158, -31.7176

■ 0.0000, 0.0000,
0.0000

■ 241.0290,
-10.8603, -16.6884

■ 253.0060, -2.4680,

-1.7593

■ 95.5620, -16.0531,
-31.1879

■ 95.5620, -16.0531,
-31.1879

■ 90.7200, -19.0890,
-37.4654

■ 100.4040,
-13.0172, -24.9103

■ 85.7640, -22.5617,
-43.6430

■ 105.3600, -9.5445,
-18.7327

■ 80.9220, -25.5975,
-49.9206

■ 110.2020, -6.5086,
-12.4552

■ 75.9660, -29.0702,
-56.0982

■ 115.1580, -3.0359,
-6.2776

■ 71.1240, -32.1061,
-62.3757

■ 120.0000, 0.0000,
0.0000

■ 124.8420, 3.0359,
6.2776

■ 129.7980, 6.5086,
12.4552

■ 134.6400, 9.5445,
18.7327

■ 139.5960, 13.0172,
24.9103

Harmonies

Analogous

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



101.3890, -30.2648, 0.5358



95.5620, -16.0531, -31.1879



83.7320, 6.0481, -73.4330

Triad

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



95.5620, -16.0531, -31.1879



86.8680, 43.4491, -76.1832



106.7790, -11.2300, 55.4448

Complementary

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



95.5620, -16.0531, -31.1879



84.4380, 16.0531, 31.1879

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.



108.5730, 4.6475, 49.4865



95.5620, -16.0531, -31.1879



107.1750, 31.4657, -12.4315

Square

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



95.5620, -16.0531, -31.1879



89.2670, 34.8714, -78.2872



110.6160, 19.4163, 25.7698



105.9400, -25.6064, 46.5336

Rectangle

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



95.5620, -16.0531, -31.1879



86.4680, 16.5313, -75.8324



110.6160, 19.4163, 25.7698



107.1580, -5.9939, 55.9894

Sweetspot

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



95.5620, -16.0531, -31.1879



146.2020, -6.5086, -12.4552



112.2630, -25.7657, 4.1543



73.3320, -3.6147, -7.3072



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.5620, -16.0531, -31.1879



117.7480, -25.0188, -48.8910



98.9820, -2.9491, -34.1872



58.5220, -1.7363, -3.0888



74.0590, -33.5531, -64.9497



149.4060, -67.2482, -131.0291

Inverse Universe

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



84.4380, 16.0531, 31.1879



100.2520, 25.0188, 48.8910



81.0180, 2.9491, 34.1872



57.4780, 1.7363, 3.0888



50.9410, 33.5531, 64.9497



102.7080, 67.6850, 130.9291

Previews

White Background



This preview shows how the YUV color 95.5620, -16.0531, -31.1879 looks on a white 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

Black Background



This preview shows how the YUV color 95.5620, -16.0531, -31.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

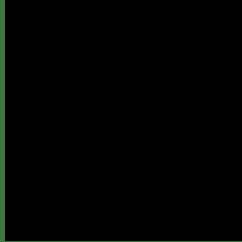
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5620, -16.0531, -31.1879

Background



This preview shows how black text looks on a background with the YUV color 95.5620, -16.0531, -31.1879.



This preview shows how white text looks on a background with the YUV color 95.5620, -16.0531, -31.1879.

-31.1879.

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

95.5620, -16.0531, -31.1879

Protanopia

104.4040, -22.8772, 11.0467

Deuteranopia

106.0830, -19.2679, 20.0982



Tritanopia

102.0660, 9.8275, -25.4909

Trichromacy



Original Color

95.5620, -16.0531, -31.1879

Protanomaly

101.2880, -20.3550, -4.6376

Deuteranomaly

102.6030, -18.0453, 1.2252

Tritanomaly

99.9380, 0.5236, -28.0096

Monochromacy



Original Color

95.5620, -16.0531, -31.1879

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0280, -5.9298, -11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5620, -16.0531, -31.1879 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(60, 120, 63)` looks like.

```
.text, #text, p{  
    color:rgb(60, 120, 63)  
}
```

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(60, 120, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 120, 63) }
```

Border

The CSS property to change the border of an element to YUV 95.5620, -16.0531, -31.1879 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(60, 120, 63) }
```


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

```
.border{ border-color:rgb(60, 120, 63) }
```

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

Here you see how a box with a 4 pixel rgb(60, 120, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 120, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 120, 63);  
box-shadow:4px 4px 4px 4px rgb(60, 120,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 95.5620, -16.0531, -31.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 120, 63) }
```

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

```
.background{ background-color: rgb(60, 120,  
63) }
```

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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