

Converting Colors

YUV(95.8120, -31.9523,
-18.2521)

Have a look what the booklet for
YUV(95.8120, -31.9523, -18.2521)
contains.

YUV(95.8120, -31.9523, -18.2521)	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(95.8120, -31.9523,
-18.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	4B771F
RGB	75, 119, 31
RGB Percent	29%, 47%, 12%
CMY	0.7059, 0.5333, 0.8784
CMYK	0.37, 0.00, 0.74, 0.53
HSL	90°, 59%, 29%
HSV	90°, 74%, 47%
XYZ	9.7458, 14.7884, 3.6371
YIQ	95.8120, 2.0240, -36.6960

Conversions

Conversions Part 2

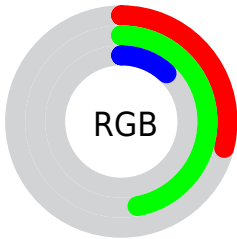
Format	Color
R_{YB}	31, 119, 75
Decimal	4945695
CIE Lab	45.34, -30.38, 41.35
CIE LCh	45, 51.315, 126.307
Yxy	14.7884, 0.3459, 0.5249
Android (android.graphics.Color)	4283135775 (0xFF4B771F)
YUV	95.8120, -31.9523, -18.2521
Hunter-Lab	38.4557, -22.0605, 21.3114

Details

The YUV color **95.8120, -31.9523, -18.2521** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **54.1880, 31.9523, 18.2521**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1710, -33.1153, -18.5670**, and **48.2660, -23.7951, -21.2813** is the 20% darker color. If you saturate the color by 10%, you get **92.6500, -36.3094, -20.7410**, and if you desaturate by 10%, it is **98.9740, -27.5952, -15.7632**.

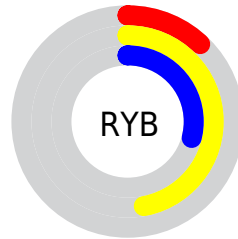
Distribution



Red (29%)

Green (47%)

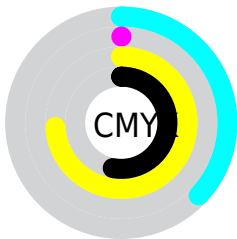
Blue (12%)



Red (12%)

Yellow (47%)

Blue (29%)

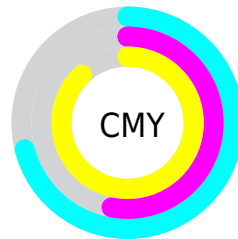


Cyan (37%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8120, -31.9523, -18.2521 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 95.8120, -31.9523, -18.2521 by changing the saturation by 10% instead.

■ 95.8120, -31.9523,
-18.2521

■ 95.8120, -31.9523,
-18.2521

■ 255.0000, 0.0000,
0.0000

■ 69.9430, -33.9889,
-18.3670

■ 148.1710,
-33.1153, -18.5670

■ 48.2660, -23.7951,
-21.2813

■ 175.0570,
-33.5521, -18.4670

■ 27.5890, -13.6014,
-24.1956

■ 202.8290,
-34.4257, -18.2670

■ 15.8490, -7.8136,
-13.8996

■ 230.7150,
-34.8625, -18.1671

■ 0.0000, 0.0000,
0.0000

■ 242.4640,
-27.3438, -3.0379

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

95.8120, -31.9523,
-18.2521

95.8120, -31.9523,
-18.2521

92.6500, -36.3094,
-20.7410

98.9740, -27.5952,
-15.7632

89.4880, -40.6666,
-23.2300

102.1360,
-23.2380, -13.2743

87.4940, -43.1345,
-24.9892

105.2980,
-18.8809, -10.7853

108.4600,
-14.5238, -8.2964

111.6220,
-10.1666, -5.8075

■ 114.6700, -6.2463,
-3.2186

■ 117.8320, -1.8892,
-0.7297

■ 120.9940, 2.4680,
1.7593

■ 124.1560, 6.8251,
4.2482

Harmonies

Analogous

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



99.6180, -47.6327, 17.8750



95.8120, -31.9523, -18.2521



81.4690, -5.1612, -71.4483

Triad

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



95.8120, -31.9523, -18.2521



92.2310, 46.2281, -80.8866



103.9840, -1.9641, 70.1740

Complementary

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



95.8120, -31.9523, -18.2521



54.1880, 31.9523, 18.2521

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.



108.7870, 16.8670, 50.1758



95.8120, -31.9523, -18.2521



85.9850, 52.7584, -75.4088

Square

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



95.8120, -31.9523, -18.2521



91.8600, 32.1140, -80.5612



110.0620, 33.0004, 8.7156



103.3860, -21.8823, 65.4365

Rectangle

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



95.8120, -31.9523, -18.2521



85.9490, 6.9271, -75.3773



110.0620, 33.0004, 8.7156



105.2700, 4.3039, 66.4152

Sweetspot

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



95.8120, -31.9523, -18.2521



146.6280, -12.6346, -7.5668



83.1400, -25.7050, 31.4492



73.6160, -7.6987, -4.0482



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.



95.8120, -31.9523, -18.2521



119.2240, -50.3964, -29.1374



82.6560, -25.4664, -45.3023



57.4190, -2.1786, -1.2445



89.8530, -44.2975, -25.3041



184.1250, -90.7736, -51.8526

Inverse Universe

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



54.1880, 31.9523, 18.2521



53.4770, 50.5438, 28.5227



67.3440, 25.4664, 45.3023



54.5810, 2.1786, 1.2445



32.1470, 44.2975, 25.3041



65.8750, 90.7736, 51.8526

Previews

White Background



This preview shows how the YUV color 95.8120, -31.9523, -18.2521 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 95.8120, -31.9523, -18.2521 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 95.8120, -31.9523, -18.2521

Background



This preview shows how black text looks on a background with the YUV color 95.8120, -31.9523, -18.2521.



This preview shows how white text looks on a background with the YUV color 95.8120, -31.9523, -18.2521.

-18.2521.

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

95.8120, -31.9523, -18.2521

Protanopia

101.8810, -36.4233, 15.8904

Deuteranopia

104.2720, -32.6721, 26.0715



Tritanopia

104.8500, 7.4690, -15.6544

Trichromacy



Original Color

95.8120, -31.9523, -18.2521

Protanomaly

99.5590, -34.7856, 3.8948

Deuteranomaly

101.1730, -32.6233, 10.3723

Tritanomaly

101.7670, -6.7871, -16.4587

Monochromacy



Original Color

95.8120, -31.9523, -18.2521

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.5680, -11.6190, -6.6371

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8120, -31.9523, -18.2521 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(75, 119, 31)` looks like.

```
.text, #text, p{  
    color:rgb(75, 119, 31)  
}
```

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(75, 119, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 119, 31) }
```

Border

The CSS property to change the border of an element to YUV 95.8120, -31.9523, -18.2521 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(75, 119, 31) }
```


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

```
.border{ border-color:rgb(75, 119, 31) }
```

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

Here you see how a box with a 4 pixel rgb(75, 119, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 119, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 119, 31);  
box-shadow:4px 4px 4px 4px rgb(75, 119,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 95.8120, -31.9523, -18.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 119, 31) }
```

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

```
.background{ background-color: rgb(75, 119,  
31) }
```

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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