

Converting Colors

YUV(153.5260, -31.3183,
11.8167)

Have a look what the booklet for
YUV(153.5260, -31.3183, 11.8167)
contains.

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Color

**YUV(153.5260, -31.3183,
11.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	A79F5A
RGB	167, 159, 90
RGB Percent	65%, 62%, 35%
CMY	0.3451, 0.3765, 0.6471
CMYK	0.00, 0.05, 0.46, 0.35
HSL	54°, 30%, 50%
HSV	54°, 46%, 65%
XYZ	30.1800, 33.7499, 14.5966
YIQ	153.5260, 26.9170, -19.7630

Conversions

Conversions Part 2

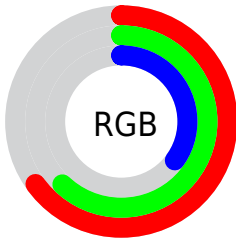
Format	Color
RYB	99, 167, 90
Decimal	10985306
CIELab	64.76, -7.01, 36.89
CIELCh	65, 37.548, 100.756
Yxy	33.7499, 0.3843, 0.4298
Android (android.graphics.Color)	4289175386 (0xFFA79F5A)
YUV	153.5260, -31.3183, 11.8167
Hunter-Lab	58.0947, -8.9358, 25.7694

Details

The YUV color **153.5260, -31.3183, 11.8167** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **103.4740, 31.3183, -11.8167**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3690, -33.2129, 12.8314**, and **101.9710, -29.5657, 9.6724** is the 20% darker color. If you saturate the color by 10%, you get **150.4140, -38.1651, 14.5459**, and if you desaturate by 10%, it is **156.6380, -24.4715, 9.0875**.

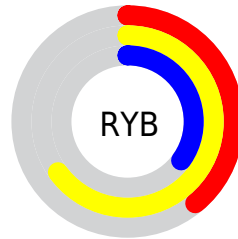
Distribution



Red (65%)

Green (62%)

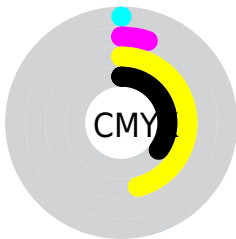
Blue (35%)



Red (39%)

Yellow (65%)

Blue (35%)

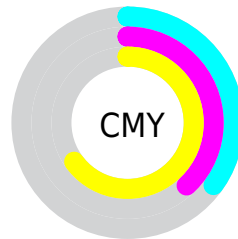


Cyan (0%)

Magenta (5%)

Yellow (46%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5260, -31.3183, 11.8167 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 153.5260, -31.3183, 11.8167 by changing the saturation by 10% instead.

■ 153.5260,
-31.3183, 11.8167

■ 153.5260,
-31.3183, 11.8167

255.0000, 0.0000,
0.0000

■ 127.3410,
-30.7341, 11.1019

■ 208.3690,
-33.2129, 12.8314

■ 101.9710,
-29.5657, 9.6724

■ 236.8530,
-33.9445, 14.1609

■ 77.5580, -29.8551,
9.1576

■ 248.2740,
-25.7711, 5.8987

■ 54.6440, -26.9395,
7.3282

■ 251.4660,
-13.5407, 3.0993

■ 34.5540, -17.0351,
3.8991

254.7720, -0.8736,
0.2000

■ 13.8440, -6.8251,
-4.2482

■ 0.0000, 0.0000,

0.0000

■ 153.5260,
-31.3183, 11.8167

■ 153.5260,
-31.3183, 11.8167

■ 150.4140,
-38.1651, 14.5459

■ 156.6380,
-24.4715, 9.0875

■ 148.0030,
-44.8645, 16.6604

■ 159.0490,
-17.7722, 6.9730

■ 144.8910,
-51.7113, 19.3896

■ 162.1610,
-10.9254, 4.2438

■ 141.7790,
-58.5580, 22.1188

■ 165.2730, -4.0786,
1.5146

■ 138.6670,
-65.4048, 24.8480

■ 168.2710, 2.3314,
-1.1147

■ 137.9830,
-68.0256, 25.4479

■ 170.7960, 9.4676,
-3.3291

■ 173.9080, 16.3144,
-6.0583

■ 177.0200, 23.1611,
-8.7875

■ 180.0180, 29.5711,
-11.4168

Harmonies

Analogous

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



156.4950, -30.8100, 35.5229



153.5260, -31.3183, 11.8167



149.4560, -21.9168, -17.0629

Triad

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



153.5260, -31.3183, 11.8167



124.3510, 37.2950, -109.0558



161.6690, 9.0372, 41.5093

Complementary

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



153.5260, -31.3183, 11.8167



103.4740, 31.3183, -11.8167

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.



160.8640, 23.2380, 13.2743



153.5260, -31.3183, 11.8167



142.2450, 38.3332, -68.6209

Square

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



153.5260, -31.3183, 11.8167



130.2490, 18.6112, -89.6724



154.9670, 33.5403, -24.5271



159.9190, -6.8621, 54.4450

Rectangle

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



153.5260, -31.3183, 11.8167



145.4840, -11.0846, -38.1355



154.9670, 33.5403, -24.5271



161.2920, 14.1530, 33.9469

Sweetspot

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



153.5260, -31.3183, 11.8167



211.7050, -12.6726, 4.6437



114.0490, -7.4192, 46.4380



106.6600, -7.7204, 2.9292



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.



153.5260, -31.3183, 11.8167



195.8030, -48.2169, 18.5898



149.2520, -29.2112, -10.7450



82.5010, -3.2050, 1.3146



122.3230, -60.3052, 22.5187



16.5460, -8.1572, 3.0292

Inverse Universe

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



103.4740, 31.3183, -11.8167



118.6100, 48.5063, -18.0750



107.7480, 29.2112, 10.7450



77.4990, 3.2050, -1.3146



25.6770, 60.3052, -22.5187



3.4540, 8.1572, -3.0292

Previews

White Background



This preview shows how the YUV color 153.5260, -31.3183, 11.8167 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 153.5260, -31.3183, 11.8167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

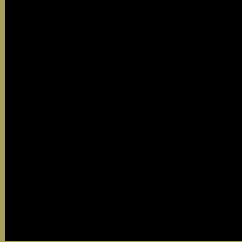
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5260, -31.3183, 11.8167

Background



This preview shows how black text looks on a background with the YUV color 153.5260, -31.3183, 11.8167.



This preview shows how white text looks on a background with the YUV color 153.5260, -31.3183, 11.8167.

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

153.5260, -31.3183, 11.8167

Protanopia

153.7330, -31.9134, 16.0202

Deuteranopia

155.6470, -31.3780, 31.0046



Tritanopia

159.4300, 1.2670, 13.6549

Trichromacy



Original Color

153.5260, -31.3183, 11.8167

Protanomaly

153.7220, -31.9079, 14.2758

Deuteranomaly

154.6030, -31.3563, 24.0272

Tritanomaly

157.3300, -10.5157, 12.8656

Monochromacy



Original Color

153.5260, -31.3183, 11.8167

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0470, -11.3622, 4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5260, -31.3183, 11.8167 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(167, 159, 90)` looks like.

```
.text, #text, p{  
    color:rgb(167, 159, 90)  
}
```

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(167, 159, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 90) }
```

Border

The CSS property to change the border of an element to YUV 153.5260, -31.3183, 11.8167 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(167, 159, 90) }
```


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

```
.border{ border-color:rgb(167, 159, 90) }
```

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

Here you see how a box with a 4 pixel rgb(167, 159, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 159, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 159, 90);  
box-shadow:4px 4px 4px 4px rgb(167, 159,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 153.5260, -31.3183, 11.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 159, 90) }
```

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

```
.background{ background-color: rgb(167,  
159, 90) }
```

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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