

Converting Colors

YUV(53.1630, 49.7126,
-31.7150)

Have a look what the booklet for
YUV(53.1630, 49.7126, -31.7150)
contains.

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Color

**YUV(53.1630, 49.7126,
-31.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	11349A
RGB	17, 52, 154
RGB Percent	7%, 20%, 60%
CMY	0.9333, 0.7961, 0.3961
CMYK	0.89, 0.66, 0.00, 0.40
HSL	225°, 80%, 34%
HSV	225°, 89%, 60%
XYZ	7.2919, 4.9082, 31.1349
YIQ	53.1630, -53.6020, 24.3020

Conversions

Conversions Part 2

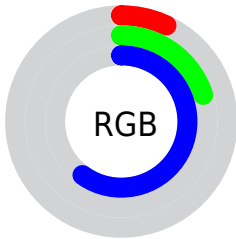
Format	Color
RYB	17, 45, 154
Decimal	1127578
CIELab	26.47, 29.39, -58.54
CIELCh	26, 65.499, 296.660
Yxy	4.9082, 0.1683, 0.1133
Android (android.graphics.Color)	4279317658 (0xFF11349A)
YUV	53.1630, 49.7126, -31.7150
Hunter-Lab	22.1546, 19.9805, -67.8150

Details

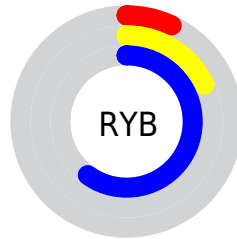
The YUV color **53.1630, 49.7126, -31.7150** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **117.8370, -49.7126, 31.7150**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5610, 49.5164, -15.4010**, and **18.6720, 41.0807, -16.3753** is the 20% darker color. If you saturate the color by 10%, you get **42.2210, 55.1070, -35.2738**, and if you desaturate by 10%, it is **64.1050, 44.3182, -28.1561**.

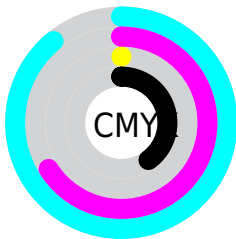
Distribution



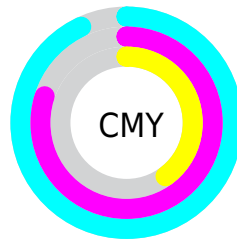
- Red (7%)
- Green (20%)
- Blue (60%)



- Red (7%)
- Yellow (18%)
- Blue (60%)



- Cyan (89%)
- Magenta (66%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1630, 49.7126, -31.7150 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 53.1630, 49.7126, -31.7150 by changing the saturation by 10% instead.

■ 53.1630, 49.7126,
-31.7150

■ 53.1630, 49.7126,
-31.7150

■ 255.0000, 0.0000,
0.0000

■ 32.6750, 46.5022,
-28.6560

■ 108.5610, 49.5164,
-15.4010

■ 18.6720, 41.0807,
-16.3753

■ 135.5120, 50.5266,
-12.7270

■ 8.7780, 33.6334,
-7.6983

■ 161.3830, 46.1532,
-9.9829

■ 8.9770, 21.7033,
-7.8728

■ 185.3160, 34.3542,
-5.5391

■ 4.7080, 12.9620,
-4.1289

■ 210.4230, 21.9765,
-2.1250

■ 0.2280, 0.8736,
-0.2000

■ 235.8290, 9.4513,

■ 0.0000, 0.0000,

1.9040

0.0000

■ 53.1630, 49.7126,
-31.7150

■ 53.1630, 49.7126,
-31.7150

■ 42.2210, 55.1070,
-35.2738

■ 64.1050, 44.3182,
-28.1561

■ 40.4490, 55.9806,
-35.4738

■ 75.9330, 38.4870,
-24.4972

■ 86.8750, 33.0926,
-20.9384

■ 98.7030, 27.2614,
-17.2795

■ 109.6450, 21.8670,
-13.7207

■ 121.1740, 16.1832,
-10.6766

■ 132.4150, 10.6414,
-6.5030

■ 143.9440, 4.9576,
-3.4589

■ 155.1850, -0.5842,
0.7148

Harmonies

Analogous

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



61.0740, 51.2355, -53.5619



53.1630, 49.7126, -31.7150



48.2390, 34.8852, 57.6724

Triad

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



53.1630, 49.7126, -31.7150



54.3650, -26.8019, 56.6849



53.8170, 0.5832, -47.1975

Complementary

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



53.1630, 49.7126, -31.7150



117.8370, -49.7126, 31.7150

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.



45.7860, -22.5725, -40.1543



53.1630, 49.7126, -31.7150



59.1510, -29.1614, 20.0386

Square

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



53.1630, 49.7126, -31.7150



44.6670, -11.1748, 84.4840



51.5330, -25.4058, -18.0074



60.3320, 23.0073, -52.9112

Rectangle

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



53.1630, 49.7126, -31.7150



50.8810, 17.8067, 75.5264



51.5330, -25.4058, -18.0074



51.2920, -6.5530, -44.9831

Sweetspot

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



53.1630, 49.7126, -31.7150



161.3740, 19.5356, -12.6060



108.8190, 4.0332, -80.5253



78.0450, 11.8098, -7.9325



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



53.1630, 49.7126, -31.7150



52.8510, 73.0375, -46.3503



42.1860, 55.1243, 5.9759



71.0860, 2.9156, -1.8294



37.0920, 50.7336, -32.5297



3.2430, 4.8102, -2.8441

Inverse Universe

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



61.9530, -4.9068, 80.7252



65.9130, -7.3521, 118.4713



128.8140, -55.1243, -5.9759



71.6200, -0.3057, 4.7183



45.9640, -4.9123, 82.4696



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 53.1630, 49.7126, -31.7150 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 ✓ Pass

Black Background



This preview shows how the YUV color 53.1630, 49.7126, -31.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

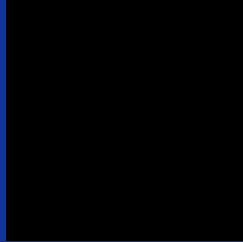
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1630, 49.7126, -31.7150

Background



This preview shows how black text looks on a background with the YUV color 53.1630, 49.7126, -31.7150.



This preview shows how white text looks on a background with the YUV color 53.1630, 49.7126,

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

53.1630, 49.7126, -31.7150

Protanopia

50.3990, 38.2573, -44.1999

Deuteranopia

50.5810, 28.8006, -44.3595



Tritanopia

49.5260, 12.0657, -43.4343

Trichromacy



Original Color

53.1630, 49.7126, -31.7150

Protanomaly

51.4580, 42.1722, -39.8667

Deuteranomaly

51.2640, 36.3518, -39.6965

Tritanomaly

50.5170, 25.8741, -39.0414

Monochromacy



Original Color

53.1630, 49.7126, -31.7150

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.3310, 18.0778, -11.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1630, 49.7126, -31.7150 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(17, 52, 154)` looks like.

```
.text, #text, p{  
    color:rgb(17, 52, 154)  
}
```

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(17, 52, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 52, 154) }
```

Border

The CSS property to change the border of an element to YUV 53.1630, 49.7126, -31.7150 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(17, 52, 154) }
```


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

```
.border{ border-color:rgb(17, 52, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 52, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 52, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 52, 154);  
box-shadow:4px 4px 4px 4px rgb(17, 52,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 53.1630, 49.7126, -31.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 52, 154) }
```

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

```
.background{ background-color: rgb(17, 52,  
154) }
```

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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