

Converting Colors

YUV(104.0730, -31.0950,
-13.2190)

Have a look what the booklet for
YUV(104.0730, -31.0950, -13.2190)
contains.

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Color

**YUV(104.0730, -31.0950,
-13.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	597C29
RGB	89, 124, 41
RGB Percent	35%, 49%, 16%
CMY	0.6510, 0.5137, 0.8392
CMYK	0.28, 0.00, 0.67, 0.51
HSL	85°, 50%, 32%
HSV	85°, 67%, 49%
XYZ	11.7277, 16.6992, 4.7030
YIQ	104.0730, 5.7830, -33.2330

Conversions

Conversions Part 2

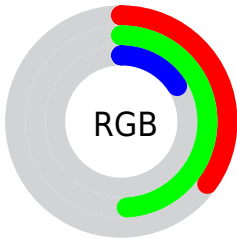
Format	Color
R_{YB}	41, 124, 76
Decimal	5864489
CIE _{Lab}	47.88, -26.42, 39.96
CIE _{LCh}	48, 47.906, 123.468
Yxy	16.6992, 0.3540, 0.5041
Android (android.graphics.Color)	4284054569 (0xFF597C29)
YUV	104.0730, -31.0950, -13.2190
Hunter-Lab	40.8647, -20.2857, 21.7818

Details

The YUV color **104.0730, -31.0950, -13.2190** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **60.9270, 31.0950, 13.2190**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7310, -32.4054, -12.9191**, and **55.6860, -27.4532, -14.6336** is the 20% darker color. If you saturate the color by 10%, you get **101.2100, -35.5995, -15.0932**, and if you desaturate by 10%, it is **106.9360, -26.5904, -11.3449**.

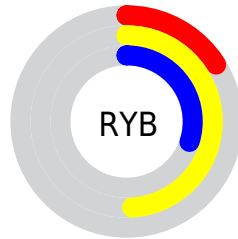
Distribution



Red (35%)

Green (49%)

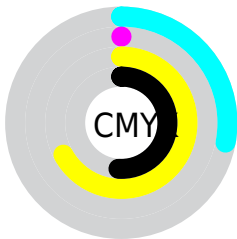
Blue (16%)



Red (16%)

Yellow (49%)

Blue (30%)

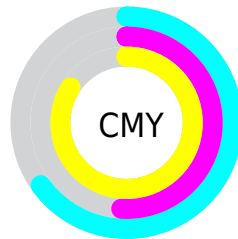


Cyan (28%)

Magenta (0%)

Yellow (67%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0730, -31.0950, -13.2190 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 104.0730, -31.0950, -13.2190 by changing the saturation by 10% instead.

■ 104.0730,
-31.0950, -13.2190

■ 104.0730,
-31.0950, -13.2190

■ 255.0000, 0.0000,
0.0000

■ 78.9590, -31.5318,
-13.1190

■ 156.7310,
-32.4054, -12.9191

■ 55.6860, -27.4532,
-14.6336

■ 183.5030,
-33.2790, -12.7191

■ 34.4110, -16.9646,
-18.7774

■ 211.9760,
-34.0052, -13.1340

■ 18.7840, -9.2605,
-16.4736

■ 236.3400,
-32.7056, -9.9452

■ 0.0000, 0.0000,
0.0000

■ 248.0890,
-25.1869, 5.1839

■ 251.6940,

-12.6671, 2.8994

■ 104.0730,
-31.0950, -13.2190

■ 104.0730,
-31.0950, -13.2190

■ 101.2100,
-35.5995, -15.0932

■ 106.9360,
-26.5904, -11.3449

■ 98.2330, -40.5409,
-16.8673

■ 109.9130,
-21.6491, -9.5707

■ 95.0710, -44.8980,
-19.3563

■ 113.0750,
-17.2920, -7.0818

■ 94.3160, -46.4978,
-19.5711

■ 116.0520,
-12.3506, -5.3076

■ 118.9150, -7.8461,
-3.4335

■ 121.7780, -3.3416,
-1.5593

■ 125.0540, 1.4524,
0.8296

■ 127.9170, 5.9569,
2.7038

■ 130.8940, 10.8983,
4.4780

Harmonies

Analogous

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



108.2360, -41.5283, 19.9640



104.0730, -31.0950, -13.2190



90.0570, -6.9301, -64.0710

Triad

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



104.0730, -31.0950, -13.2190



95.7530, 44.4918, -83.9754



112.8800, -0.9268, 64.1262

Complementary

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



104.0730, -31.0950, -13.2190



60.9270, 31.0950, 13.2190

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.



116.0420, 16.7413, 43.8132



104.0730, -31.0950, -13.2190



96.4760, 48.0793, -67.9465

Square

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



104.0730, -31.0950, -13.2190



95.3820, 30.3777, -83.6500



116.1000, 31.9957, 4.2973



111.5320, -19.9823, 62.6774

Rectangle

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



104.0730, -31.0950, -13.2190



89.8130, 6.5012, -78.7660



116.1000, 31.9957, 4.2973



113.7530, 5.0518, 59.8526

Sweetspot

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



104.0730, -31.0950, -13.2190



153.1660, -11.9138, -5.4076



86.3620, -22.3635, 33.0085



77.0290, -7.4093, -3.5334



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.0730, -31.0950, -13.2190



129.8490, -48.2396, -20.9156



91.8140, -25.0513, -38.4249



59.7180, -2.3260, -0.6297



94.9030, -46.7872, -20.0859



191.5780, -94.4480, -39.9719

Inverse Universe

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



60.9270, 31.0950, 13.2190



62.8520, 48.3870, 20.3008



73.1860, 25.0513, 38.4249



56.5810, 2.1786, 1.2445



30.0970, 46.7872, 20.0859



60.4220, 94.4480, 39.9719

Previews

White Background



This preview shows how the YUV color 104.0730, -31.0950, -13.2190 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 104.0730, -31.0950, -13.2190 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 104.0730, -31.0950, -13.2190 Background



This preview shows how black text looks on a background with the YUV color 104.0730, -31.0950, -13.2190.



This preview shows how white text looks on a background with the YUV color 104.0730, -31.0950, -13.2190.

-13.2190.

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

104.0730, -31.0950, -13.2190

Protanopia

109.2230, -35.1129, 15.5904

Deuteranopia

110.7990, -31.9459, 26.4863



Tritanopia

112.2420, 6.2897, -10.7362

Trichromacy



Original Color

104.0730, -31.0950, -13.2190

Protanomaly

107.4990, -33.7700, 4.8244

Deuteranomaly

108.4120, -31.7551, 11.9167

Tritanomaly

109.2730, -7.5296, -11.6404

Monochromacy



Original Color

104.0730, -31.0950, -13.2190

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9920, -11.3351, -4.3780

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0730, -31.0950, -13.2190 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(89, 124, 41)` looks like.

```
.text, #text, p{  
    color:rgb(89, 124, 41)  
}
```

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(89, 124, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 124, 41) }
```

Border

The CSS property to change the border of an element to YUV 104.0730, -31.0950, -13.2190 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(89, 124, 41) }
```


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

```
.border{ border-color:rgb(89, 124, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 124, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 124, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 124, 41);  
box-shadow:4px 4px 4px 4px rgb(89, 124,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 104.0730, -31.0950, -13.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 124, 41) }
```

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

```
.background{ background-color: rgb(89, 124,  
41) }
```

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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