

Converting Colors

YUV(176.8760, 31.6131,
-13.0463)

Have a look what the booklet for
YUV(176.8760, 31.6131, -13.0463)
contains.

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Color

**YUV(176.8760, 31.6131,
-13.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ACF1
RGB	162, 172, 241
RGB Percent	64%, 67%, 95%
CMY	0.3647, 0.3255, 0.0549
CMYK	0.33, 0.29, 0.00, 0.05
HSL	232°, 74%, 79%
HSV	232°, 33%, 95%
XYZ	45.5300, 43.5373, 89.2229
YIQ	176.8760, -28.1090, 19.3390

Conversions

Conversions Part 2

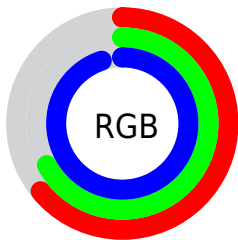
Format	Color
R_{YB}	162, 171, 241
Decimal	10661105
CIE _{Lab}	71.92, 12.26, -35.57
CIE _{LCh}	72, 37.627, 289.023
Yxy	43.5373, 0.2554, 0.2442
Android (android.graphics.Color)	4288851185 (0xFFA2ACF1)
YUV	176.8760, 31.6131, -13.0463
Hunter-Lab	65.9828, 7.7001, -33.9849

Details

The YUV color $176.8760, 31.6131, -13.0463$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $226.1240, -31.6131, 13.0463$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.8000, 13.4096, -7.7176$, and $123.8220, 30.1608, -13.8759$ is the 20% darker color. If you saturate the color by 10%, you get $157.3730, 41.2281, -16.9901$, and if you desaturate by 10%, it is $196.3790, 21.9982, -9.1024$.

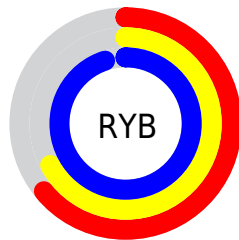
Distribution



Red (64%)

Green (67%)

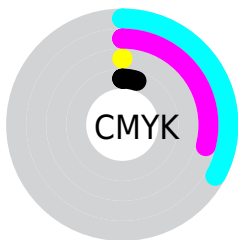
Blue (95%)



Red (64%)

Yellow (67%)

Blue (95%)

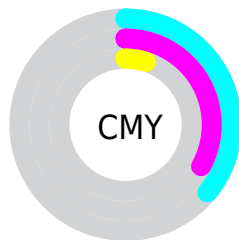


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8760, 31.6131, -13.0463 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 176.8760, 31.6131, -13.0463 by changing the saturation by 10% instead.

■ 176.8760, 31.6131,
-13.0463

■ 176.8760, 31.6131,
-13.0463

255.0000, 0.0000,
0.0000

■ 150.2350, 30.4501,
-13.3611

■ 227.8000, 13.4096,
-7.7176

■ 123.8220, 30.1608,
-13.8759

■ 252.9070, 1.0318,
-4.3034

■ 97.9960, 29.5820,
-14.9055

■ 73.6430, 28.2770,
-16.3499

■ 49.2080, 27.9985,
-20.3534

■ 26.2570, 26.9883,
-23.0274

■ 8.3730, 24.4661,

-7.3431

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 176.8760, 31.6131,
-13.0463

■ 176.8760, 31.6131,
-13.0463

■ 157.3730, 41.2281,
-16.9901

■ 196.3790, 21.9982,
-9.1024

■ 137.8700, 50.8431,
-20.9340

■ 215.8820, 12.3832,
-5.1585

■ 118.3670, 60.4581,
-24.8779

■ 235.3850, 2.7682,
-1.2146

■ 98.8640, 70.0730,
-28.8217

■ 253.4040, -6.1152,
1.3997

■ 79.3610, 79.6880,
-32.7656

■ 59.5590, 89.4504,
-37.3242

■ 45.6710, 96.2972,
-40.0535

Harmonies

Analogous

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



166.5180, 37.7056, -53.9513



176.8760, 31.6131, -13.0463



181.1210, 20.1533, 22.6959

Triad

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



176.8760, 31.6131, -13.0463



177.0760, -25.1805, 49.9223



160.4520, 0.7632, -58.2784

Complementary

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



176.8760, 31.6131, -13.0463



226.1240, -31.6131, 13.0463

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.



167.0250, -18.2533, -25.4549



176.8760, 31.6131, -13.0463



175.0060, -32.5410, 30.6897

Square

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



176.8760, 31.6131, -13.0463



178.7900, -11.2355, 57.1892



171.7100, -30.4230, 4.6393



151.2750, 22.5424, -90.5722

Rectangle

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



176.8760, 31.6131, -13.0463



181.0110, 10.3476, 41.2094



171.7100, -30.4230, 4.6393



163.0960, -5.9633, -47.4422

Sweetspot

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



176.8760, 31.6131, -13.0463



234.6110, 10.0518, -4.0438



216.1250, 6.8404, -47.4676



114.9980, 6.4100, -2.6292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



176.8760, 31.6131, -13.0463



174.3300, 39.7703, -16.0754



179.6770, 30.2322, 9.9303



109.9550, 4.9522, -1.7145



34.4770, 73.7148, -30.2363



10.4930, 22.4350, -9.2024

Inverse Universe

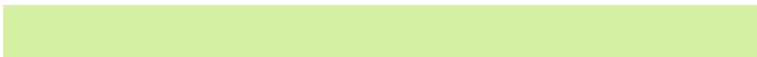
The Inverse Universe completely reimagines the original color for something new.



186.7610, -7.2772, 47.5676



186.9690, -9.3517, 59.6632



223.3230, -30.2322, -9.9303



111.7020, -1.3321, 7.2773



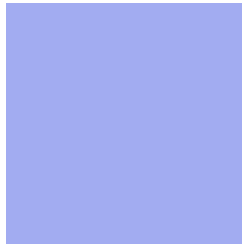
57.6380, -17.0765, 110.8195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 176.8760, 31.6131, -13.0463 looks on a white background.

Color Contrast Check

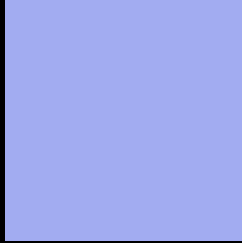
Large Text (above 18pt) WCAG AA × Fail

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 176.8760, 31.6131, -13.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

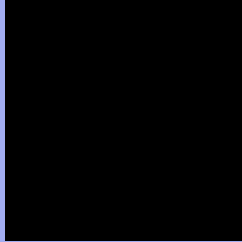
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8760, 31.6131, -13.0463

Background



This preview shows how black text looks on a background with the YUV color 176.8760, 31.6131, -13.0463.



This preview shows how white text looks on a background with the YUV color 176.8760, 31.6131, -13.0463.

-13.0463.

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

176.8760, 31.6131, -13.0463

Protanopia

176.3700, 32.3556, -17.8645

Deuteranopia

176.2560, 31.9188, -17.7645



Tritanopia

173.9250, 10.3900, -19.2282

Trichromacy



Original Color

176.8760, 31.6131, -13.0463

Protanomaly

176.3810, 32.3502, -16.1201

Deuteranomaly

176.2670, 31.9134, -16.0202

Tritanomaly

175.2980, 18.0941, -16.9243

Monochromacy



Original Color

176.8760, 31.6131, -13.0463

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9530, 11.3622, -4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8760, 31.6131, -13.0463 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(162, 172, 241)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 241)  
}
```

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(162, 172, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 241) }
```

Border

The CSS property to change the border of an element to YUV 176.8760, 31.6131, -13.0463 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(162, 172, 241) }
```


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

```
.border{ border-color:rgb(162, 172, 241) }
```

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

Here you see how a box with a 4 pixel rgb(162, 172, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 176.8760, 31.6131, -13.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 241) }
```

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

```
.background{ background-color: rgb(162,  
172, 241) }
```

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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