

Converting Colors

YUV(196.7630, -61.0152,
16.8708)

Have a look what the booklet for
YUV(196.7630, -61.0152, 16.8708)
contains.

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Color

**YUV(196.7630, -61.0152,
16.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D349
RGB	216, 211, 73
RGB Percent	85%, 83%, 29%
CMY	0.1529, 0.1725, 0.7137
CMYK	0.00, 0.02, 0.66, 0.15
HSL	58°, 65%, 57%
HSV	58°, 66%, 85%
XYZ	52.8158, 61.6685, 15.4229
YIQ	196.7630, 47.2780, -41.8580

Conversions

Conversions Part 2

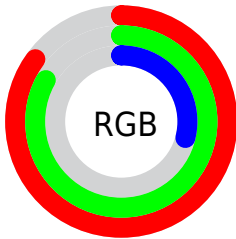
Format	Color
RYB	78, 216, 73
Decimal	14209865
CIELab	82.74, -14.52, 65.98
CIELCh	83, 67.560, 102.414
Yxy	61.6685, 0.4066, 0.4747
Android (android.graphics.Color)	4292399945 (0xFFD8D349)
YUV	196.7630, -61.0152, 16.8708
Hunter-Lab	78.5293, -17.3741, 43.3262

Details

The YUV color **196.7630, -61.0152, 16.8708** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **92.2370, 61.0152, -16.8708**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5220, -55.4733, 12.6972**, and **139.4010, -68.7247, 16.3113** is the 20% darker color. If you saturate the color by 10%, you get **193.6680, -70.3353, 19.5852**, and if you desaturate by 10%, it is **199.8580, -51.6950, 14.1565**.

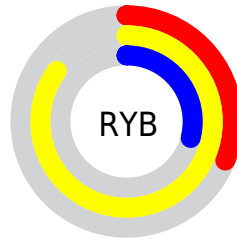
Distribution



Red (85%)

Green (83%)

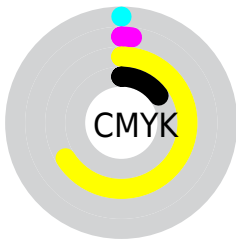
Blue (29%)



Red (31%)

Yellow (85%)

Blue (29%)

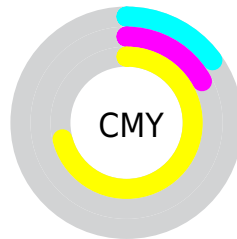


Cyan (0%)

Magenta (2%)

Yellow (66%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7630, -61.0152, 16.8708 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 196.7630, -61.0152, 16.8708 by changing the saturation by 10% instead.

■ 196.7630,
-61.0152, 16.8708

■ 196.7630,
-61.0152, 16.8708

■ 255.0000, 0.0000,
0.0000

■ 168.2360,
-61.7413, 16.4560

■ 240.5220,
-55.4733, 12.6972

■ 139.4010,
-68.7247, 16.3113

■ 243.7140,
-43.2430, 9.8978

■ 115.7670,
-57.0731, 12.4823

■ 247.0200,
-30.5759, 6.9985

■ 92.7200, -45.7110,
8.1386

■ 250.2120,
-18.3455, 4.1991

■ 70.5590, -34.7856,
3.8948

■ 253.6320, -5.2416,
1.1997

■ 48.9850, -24.1496,
-0.8638

■ 28.5960, -14.0978,

-4.9077

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 196.7630,
-61.0152, 16.8708

■ 196.7630,
-61.0152, 16.8708

■ 193.6680,
-70.3353, 19.5852

■ 199.8580,
-51.6950, 14.1565

■ 190.6870,
-79.2187, 22.1995

■ 202.8390,
-42.8116, 11.5422

■ 188.1790,
-88.8282, 24.3990

■ 205.3470,
-33.2021, 9.3427

■ 186.6800,
-92.0332, 25.7136

■ 208.3280,
-24.3187, 6.7283

■ 211.4230,
-14.9985, 4.0140

■ 214.5180, -5.6784,
1.2997

■ 216.9120, 3.4944,
-0.7998

■ 220.0070, 12.8145,
-3.5141

■ 221.6200, 16.4563,
-4.9287

Harmonies

Analogous

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



196.4220, -56.9030, 51.3729



196.7630, -61.0152, 16.8708



188.5140, -40.1864, -37.2848

Triad

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



196.7630, -61.0152, 16.8708



166.4280, 43.6660, -145.9574



195.2740, 25.0079, 52.3797

Complementary

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



196.7630, -61.0152, 16.8708



92.2370, 61.0152, -16.8708

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.



206.5120, 23.9046, 32.8770



196.7630, -61.0152, 16.8708



159.9710, 46.8493, -140.2946

Square

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



196.7630, -61.0152, 16.8708



165.4530, 32.3147, -145.1023



190.3790, 31.8582, -45.0594



185.0430, -1.5002, 61.3523

Rectangle

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



196.7630, -61.0152, 16.8708



176.2100, -15.8795, -87.0072



190.3790, 31.8582, -45.0594



200.4090, 26.9134, 47.8763

Sweetspot

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



196.7630, -61.0152, 16.8708



248.0120, -21.6979, 6.1285



116.5550, -18.0216, 87.2133



123.2920, -12.9620, 4.1289



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.



196.7630, -61.0152, 16.8708



227.9770, -85.7707, 23.6992



180.5620, -53.0281, -25.0489



105.7460, -4.8048, 1.0998



147.9840, -72.9561, 20.1850



37.5110, -18.4929, 4.8139

Inverse Universe

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



92.2370, 61.0152, -16.8708



81.0230, 85.7707, -23.6992



108.4380, 53.0281, 25.0489



97.8410, 4.5154, -1.6146



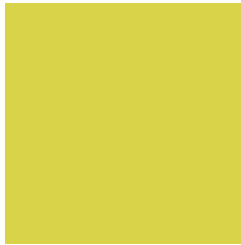
23.0160, 72.9561, -20.1850



6.0760, 18.2035, -5.3287

Previews

White Background



This preview shows how the YUV color 196.7630, -61.0152, 16.8708 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 196.7630, -61.0152, 16.8708 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 196.7630, -61.0152, 16.8708

Background



This preview shows how black text looks on a background with the YUV color 196.7630, -61.0152, 16.8708.



This preview shows how white text looks on a background with the YUV color 196.7630, -61.0152, 16.8708.

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

196.7630, -61.0152, 16.8708

Protanopia

197.9000, -62.0687, 28.1517

Deuteranopia

201.1010, -56.7448, 47.2694



Tritanopia

208.0930, 2.4192, 17.4584

Trichromacy



Original Color

196.7630, -61.0152, 16.8708

Protanomaly

197.5790, -61.9104, 24.0482

Deuteranomaly

199.2800, -58.3120, 36.5884

Tritanomaly

204.0180, -20.7149, 17.5242

Monochromacy



Original Color

196.7630, -61.0152, 16.8708

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8980, -22.1347, 6.2285

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7630, -61.0152, 16.8708 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(216, 211, 73)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 73)  
}
```

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(216, 211, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 73) }
```

Border

The CSS property to change the border of an element to YUV 196.7630, -61.0152, 16.8708 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(216, 211, 73) }
```


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

```
.border{ border-color:rgb(216, 211, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 73);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 196.7630, -61.0152, 16.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 73) }
```

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

```
.background{ background-color: rgb(216,  
211, 73) }
```

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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