

Converting Colors

YUV(168.0150, -16.2764,
-6.1522)

Have a look what the booklet for
YUV(168.0150, -16.2764, -6.1522)
contains.

YUV(168.0150, -16.2764, -6.1522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.0150, -16.2764,
-6.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B287
RGB	161, 178, 135
RGB Percent	63%, 70%, 53%
CMY	0.3686, 0.3020, 0.4706
CMYK	0.10, 0.00, 0.24, 0.30
HSL	84°, 22%, 61%
HSV	84°, 24%, 70%
XYZ	34.9915, 41.1671, 29.0235
YIQ	168.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

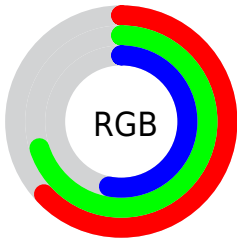
Format	Color
RYB	135, 178, 152
Decimal	10596999
CIELab	70.29, -13.60, 20.07
CIELCh	70, 24.240, 124.125
Yxy	41.1671, 0.3327, 0.3914
Android (android.graphics.Color)	4288787079 (0xFFA1B287)
YUV	168.0150, -16.2764, -6.1522
Hunter-Lab	64.1616, -14.9351, 18.0933

Details

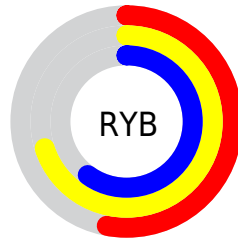
The YUV color **168.0150, -16.2764, -6.1522** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.9850, 16.2764, 6.1522**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3740, -17.4394, -6.4670**, and **115.6560, -15.1134, -5.8373** is the 20% darker color. If you saturate the color by 10%, you get **163.8700, -23.1069, -8.6560**, and if you desaturate by 10%, it is **172.1600, -9.4459, -3.6483**.

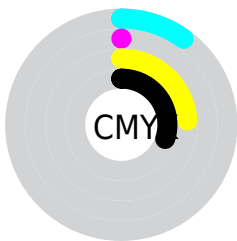
Distribution



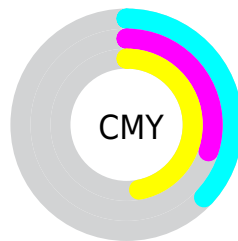
- Red (63%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0150, -16.2764, -6.1522 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 168.0150, -16.2764, -6.1522 by changing the saturation by 10% instead.

■ 168.0150,
-16.2764, -6.1522

■ 168.0150,
-16.2764, -6.1522

■ 255.0000, 0.0000,
0.0000

■ 141.5420,
-15.5502, -5.7373

■ 223.3740,
-17.4394, -6.4670

■ 115.6560,
-15.1134, -5.8373

■ 247.5640,
-15.5611, -2.2486

■ 90.8840, -14.2398,
-6.0373

■ 253.8600, -4.3680,
0.9998

■ 67.2970, -13.9504,
-5.5225

■ 45.1120, -13.3662,
-6.2372

■ 24.4650, -12.0612,
-4.7928

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 168.0150,
-16.2764, -6.1522

■ 168.0150,
-16.2764, -6.1522

■ 163.8700,
-23.1069, -8.6560

■ 172.1600, -9.4459,
-3.6483

■ 159.7250,
-29.9374, -11.1598

■ 176.3050, -2.6154,
-1.1445

■ 155.6940,
-36.3311, -13.7636

■ 180.3360, 3.7784,
1.4593

■ 151.5490,
-43.1617, -16.2675

■ 184.4810, 10.6089,
3.9632

■ 147.4040,
-49.9922, -18.7713

■ 188.6260, 17.4394,
6.4670

■ 143.2590,
-56.8227, -21.2751

■ 192.7710, 24.2699,
8.9708

■ 139.1140,
-63.6532, -23.7790

■ 196.3460, 28.9164,
11.9746

■ 136.7780,
-67.4316, -25.2383

■ 198.4390, 27.8846,
16.2780

■ 200.5320, 26.8527,
20.5814

Harmonies

Analogous

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



170.2840, -20.8460, 12.9059



168.0150, -16.2764, -6.1522



165.4130, -6.6126, -25.7952

Triad

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



168.0150, -16.2764, -6.1522



165.6050, 22.3797, -38.2416



175.5360, -2.7292, 35.4869

Complementary

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



168.0150, -16.2764, -6.1522



144.9850, 16.2764, 6.1522

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.



175.9180, 7.9284, 23.7509



168.0150, -16.2764, -6.1522



170.6120, 21.8833, -18.9537

Square

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



168.0150, -16.2764, -6.1522



162.0570, 16.7339, -47.4080



174.0880, 16.7186, 4.3078



174.2020, -12.9176, 36.6568

Rectangle

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



168.0150, -16.2764, -6.1522



163.2250, 1.8611, -37.0313



174.0880, 16.7186, 4.3078



175.4370, 0.7706, 32.9428

Sweetspot

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



168.0150, -16.2764, -6.1522



228.3820, -6.1043, -2.0890



157.2490, -10.9688, 18.1986



115.0770, -3.4890, -0.9445



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.0150, -16.2764, -6.1522



216.2890, -25.2855, -9.9005



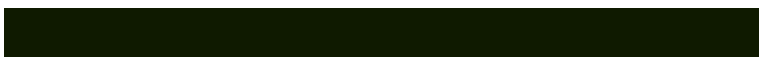
161.7360, -13.1808, -19.0625



87.0770, -3.4890, -0.9445



117.6180, -57.9857, -21.5900



19.7470, -9.7353, -4.1631

Inverse Universe

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



144.9850, 16.2764, 6.1522



180.4120, 25.4329, 9.2857



151.2640, 13.1808, 19.0625



82.2220, 3.3416, 1.5593



35.3820, 57.9857, 21.5900



5.9540, 9.8827, 3.5483

Previews

White Background



This preview shows how the YUV color 168.0150, -16.2764, -6.1522 looks on a white background.

Color Contrast Check

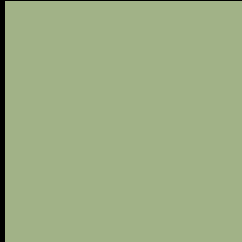
Large Text (above 18pt) WCAG AA × Fail

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 168.0150, -16.2764, -6.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

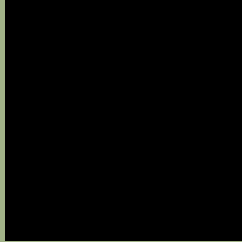
Any Text WCAG AA ✓ Pass

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 168.0150, -16.2764, -6.1522 Background



This preview shows how black text looks on a background with the YUV color 168.0150, -16.2764, -6.1522.



This preview shows how white text looks on a background with the YUV color 168.0150, -16.2764, -6.1522.

-6.1522.

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

168.0150, -16.2764, -6.1522

Protanopia

170.1420, -18.8040, 11.2765

Deuteranopia

172.3870, -16.9528, 24.2166



Tritanopia

171.6990, 6.5574, -3.2440

Trichromacy



Original Color

168.0150, -16.2764, -6.1522

Protanomaly

169.6250, -18.0561, 4.7139

Deuteranomaly

171.0220, -16.7728, 13.1357

Tritanomaly

170.5110, -1.7309, -4.8331

Monochromacy



Original Color

168.0150, -16.2764, -6.1522

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0150, -16.2764, -6.1522 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(161, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(161, 178, 135)  
}
```

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(161, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 178, 135) }
```

Border

The CSS property to change the border of an element to YUV 168.0150, -16.2764, -6.1522 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(161, 178, 135) }
```


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

```
.border{ border-color:rgb(161, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(161, 178,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 168.0150, -16.2764, -6.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 178, 135) }
```

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

```
.background{ background-color: rgb(161,  
178, 135) }
```

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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