

Converting Colors

YUV(188.3360, -16.4346,
-2.0487)

Have a look what the booklet for
YUV(188.3360, -16.4346, -2.0487)
contains.

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Color

**YUV(188.3360, -16.4346,
-2.0487)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC49B
RGB	186, 196, 155
RGB Percent	73%, 77%, 61%
CMY	0.2706, 0.2314, 0.3922
CMYK	0.05, 0.00, 0.21, 0.23
HSL	75°, 26%, 69%
HSV	75°, 21%, 77%
XYZ	45.9060, 52.2855, 38.6830
YIQ	188.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

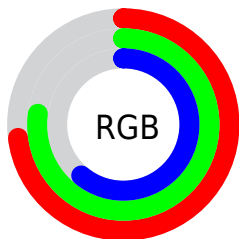
Format	Color
RYB	155, 196, 165
Decimal	12240027
CIELab	77.45, -10.51, 19.47
CIELCh	77, 22.129, 118.360
Yxy	52.2855, 0.3354, 0.3820
Android (android.graphics.Color)	4290430107 (0xFFBAC49B)
YUV	188.3360, -16.4346, -2.0487
Hunter-Lab	72.3087, -13.2175, 18.8978

Details

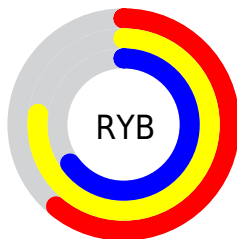
The YUV color $188.3360, -16.4346, -2.0487$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $162.6640, 16.4346, 2.0487$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8090, -17.1608, -2.4635$, and $134.9770, -15.2717, -1.7338$ is the 20% darker color. If you saturate the color by 10%, you get $184.5610, -24.4336, -3.1230$, and if you desaturate by 10%, it is $192.1110, -8.4357, -0.9743$.

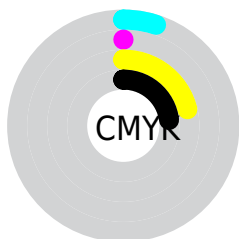
Distribution



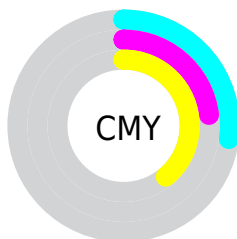
- Red (73%)
- Green (77%)
- Blue (61%)



- Red (61%)
- Yellow (77%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3360, -16.4346, -2.0487 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 188.3360, -16.4346, -2.0487 by changing the saturation by 10% instead.

■ 188.3360,
-16.4346, -2.0487

■ 188.3360,
-16.4346, -2.0487

255.0000, 0.0000,
0.0000

■ 161.4500,
-15.9978, -2.1486

■ 244.8090,
-17.1608, -2.4635

■ 134.9770,
-15.2717, -1.7338

■ 253.0620, -7.4256,
1.6996

■ 109.6780,
-15.1243, -2.3486

■ 85.2050, -14.3981,
-1.9338

■ 62.0200, -13.8139,
-2.6485

■ 39.5470, -13.0877,
-2.2337

■ 19.4480, -9.5879,

-4.7779

■ 0.0000, 0.0000,
0.0000

■ 188.3360,
-16.4346, -2.0487

■ 188.3360,
-16.4346, -2.0487

■ 184.5610,
-24.4336, -3.1230

■ 192.1110, -8.4357,
-0.9743

■ 180.9000,
-31.9957, -4.2973

■ 195.7720, -0.8736,
0.2000

■ 177.4240,
-40.1420, -4.7568

■ 199.2480, 7.2727,
0.6595

■ 173.7630,
-47.7042, -5.9312

■ 202.9090, 14.8349,
1.8338

■ 169.9880,
-55.7031, -7.0055

■ 206.6840, 22.8338,
2.9081

■ 166.2130,
-63.7020, -8.0798

■ 208.4070, 22.9703,
5.7821

■ 162.8510,
-71.4115, -8.6393

■ 209.6030, 22.3807,
8.2412

■ 159.3040,
-78.5369, -9.9136

■ 211.0980, 21.6437,
11.3151

■ 212.5930, 20.9067,
14.3889

Harmonies

Analogous

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



190.9360, -19.6884, 14.9651



188.3360, -16.4346, -2.0487



185.9900, -8.3761, -20.1622

Triad

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



188.3360, -16.4346, -2.0487



185.3340, 20.0483, -37.1269



194.9700, -0.9712, 31.5983

Complementary

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



188.3360, -16.4346, -2.0487



162.6640, 16.4346, 2.0487

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.



194.8250, 8.9603, 19.4475



188.3360, -16.4346, -2.0487



189.3730, 21.0151, -20.4981

Square

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



188.3360, -16.4346, -2.0487



183.4660, 13.0813, -42.5047



193.0660, 16.7295, 0.8191



194.1740, -10.4388, 34.9274

Rectangle

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



188.3360, -16.4346, -2.0487



184.4600, -1.2128, -31.0984



193.0660, 16.7295, 0.8191



195.4580, 2.2392, 28.5393

Sweetspot

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



188.3360, -16.4346, -2.0487



252.0940, -5.9623, -0.9594



173.1290, -8.9376, 20.0579



126.0770, -3.4890, -0.9445



0.0000, 0.0000, 0.0000



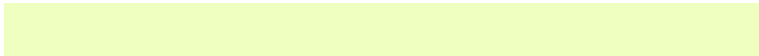
128.0000, 0.0000, 0.0000

Same Dimension

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



188.3360, -16.4346, -2.0487



242.9200, -25.5966, -3.4378



182.3560, -13.4865, -14.3442



95.2620, -4.0732, -0.2298



130.6860, -64.4282, -8.4946



26.8460, -13.2351, -1.6189

Inverse Universe

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



162.6640, 16.4346, 2.0487



203.0800, 25.5966, 3.4378



168.6440, 13.4865, 14.3442



89.0370, 3.9258, 0.8446



30.0150, 64.5756, 7.8798



6.1540, 13.2351, 1.6189

Previews

White Background



This preview shows how the YUV color 188.3360, -16.4346, -2.0487 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 188.3360, -16.4346, -2.0487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

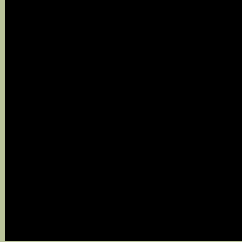
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

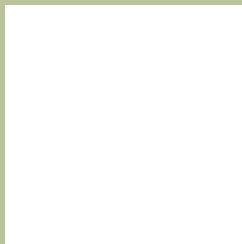
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.3360, -16.4346, -2.0487

Background



This preview shows how black text looks on a background with the YUV color 188.3360, -16.4346, -2.0487.



This preview shows how white text looks on a background with the YUV color 188.3360, -16.4346, -2.0487.

-2.0487.

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

188.3360, -16.4346, -2.0487

Protanopia

190.2560, -18.3672, 11.1765

Deuteranopia

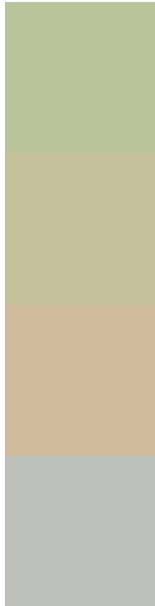
192.0990, -16.8108, 25.3462



Tritanopia

191.9060, 5.9623, 0.9594

Trichromacy



Original Color

188.3360, -16.4346, -2.0487

Protanomaly

189.7500, -17.6247, 6.3582

Deuteranomaly

190.4460, -16.4889, 15.3949

Tritanomaly

190.7180, -2.3260, -0.6297

Monochromacy



Original Color

188.3360, -16.4346, -2.0487

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3360, -16.4346, -2.0487 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(186, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 155)  
}
```

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(186, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 155) }
```

Border

The CSS property to change the border of an element to YUV 188.3360, -16.4346, -2.0487 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(186, 196, 155) }
```


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

```
.border{ border-color:rgb(186, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 188.3360, -16.4346, -2.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 155) }
```

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

```
.background{ background-color: rgb(186,  
196, 155) }
```

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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