

Converting Colors

YUV(189.6230, -11.6461,
2.0846)

Have a look what the booklet for
YUV(189.6230, -11.6461, 2.0846)
contains.

YUV(189.6230, -11.6461, 2.0846)	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(189.6230, -11.6461,
2.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C1A6
RGB	192, 193, 166
RGB Percent	75%, 76%, 65%
CMY	0.2471, 0.2431, 0.3490
CMYK	0.01, 0.00, 0.14, 0.24
HSL	62°, 18%, 70%
HSV	62°, 14%, 76%
XYZ	47.6911, 52.0996, 43.6190
YIQ	189.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

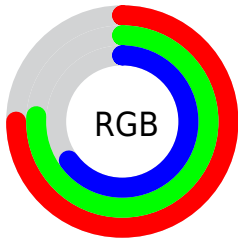
Format	Color
R_{YB}	166, 193, 167
Decimal	12632486
CIE _{Lab}	77.34, -5.01, 13.50
CIE _{LCh}	77, 14.397, 110.376
Yxy	52.0996, 0.3326, 0.3633
Android (android.graphics.Color)	4290822566 (0xFFC0C1A6)
YUV	189.6230, -11.6461, 2.0846
Hunter-Lab	72.1800, -8.3757, 14.6966

Details

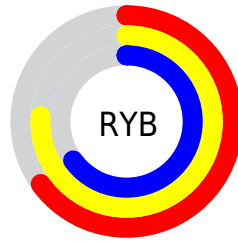
The YUV color $189.6230, -11.6461, 2.0846$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $169.3770, 11.6461, -2.0846$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8080, -12.2303, 2.7994$, and $136.4380, -11.0619, 1.3699$ is the 20% darker color. If you saturate the color by 10%, you get $187.1580, -19.7979, 3.3694$, and if you desaturate by 10%, it is $192.0880, -3.4944, 0.7998$.

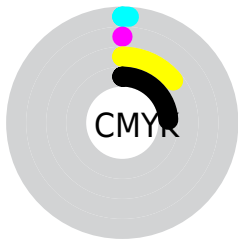
Distribution



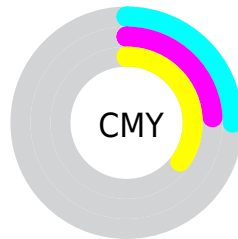
- Red (75%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6230, -11.6461, 2.0846 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 189.6230, -11.6461, 2.0846 by changing the saturation by 10% instead.

■ 189.6230,
-11.6461, 2.0846

■ 189.6230,
-11.6461, 2.0846

255.0000, 0.0000,
0.0000

■ 162.7370,
-11.2093, 1.9847

■ 245.8080,
-12.2303, 2.7994

■ 136.4380,
-11.0619, 1.3699

■ 254.4300, -2.1840,
0.4999

■ 110.9650,
-10.3357, 1.7847

■ 86.6660, -10.1883,
1.1699

■ 63.1930, -9.4621,
1.5847

■ 41.0080, -8.8779,
0.8700

■ 20.9650, -10.3357,

1.7847

0.0000, 0.0000,
0.0000

189.6230,
-11.6461, 2.0846

189.6230,
-11.6461, 2.0846

187.1580,
-19.7979, 3.3694

192.0880, -3.4944,
0.7998

184.8780,
-28.5339, 5.3690

194.3680, 5.2416,
-1.1997

182.4130,
-36.6856, 6.6538

196.8330, 13.3933,
-2.4845

179.9480,
-44.8374, 7.9386

199.2980, 21.5451,
-3.7693

177.4830,
-52.9891, 9.2234

200.9650, 26.6393,
-4.3543

■ 175.2030,
-61.7251, 11.2230

■ 201.2640, 26.4918,
-3.7395

■ 172.7380,
-69.8768, 12.5078

■ 201.5630, 26.3444,
-3.1248

■ 170.2730,
-78.0286, 13.7926

■ 168.9050,
-83.2702, 14.9923

Harmonies

Analogous

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



191.3470, -12.9891, 12.8507



189.6230, -11.6461, 2.0846



188.3980, -7.0982, -9.9960

Triad

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



189.6230, -11.6461, 2.0846



187.5330, 11.5692, -24.1464



193.7620, 1.1033, 19.5027

Complementary

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



189.6230, -11.6461, 2.0846



169.3770, 11.6461, -2.0846

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.



193.3030, 7.2456, 9.3813



189.6230, -11.6461, 2.0846



190.0440, 13.2893, -15.8246

Square

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



189.6230, -11.6461, 2.0846



186.5560, 6.6279, -25.9206



191.7790, 11.9410, -3.3142



193.3620, -5.6015, 23.3615

Rectangle

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



189.6230, -11.6461, 2.0846



186.9070, -2.4192, -17.4584



191.7790, 11.9410, -3.3142



193.9080, 3.0034, 16.7437

Sweetspot

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



189.6230, -11.6461, 2.0846



248.8600, -4.3680, 0.9998



174.6600, -4.2694, 16.0842



124.3160, -2.6208, 0.5999



252.0000, 0.0000, 0.0000



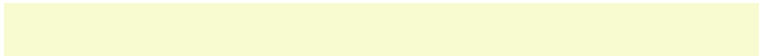
125.0000, 0.0000, 0.0000

Same Dimension

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



189.6230, -11.6461, 2.0846



244.5000, -18.4875, 3.0695



185.7360, -9.7298, -5.9075



95.8600, -4.3680, 0.9998



140.8520, -69.4400, 12.4078



28.9390, -14.2669, 2.6845

Inverse Universe

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



169.3770, 11.6461, -2.0846



212.5000, 18.4875, -3.0695



173.2640, 9.7298, 5.9075



88.4390, 4.2206, -0.3850



20.1480, 69.4400, -12.4078



4.0610, 14.2669, -2.6845

Previews

White Background



This preview shows how the YUV color 189.6230, -11.6461, 2.0846 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 189.6230, -11.6461, 2.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

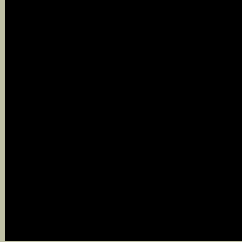
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

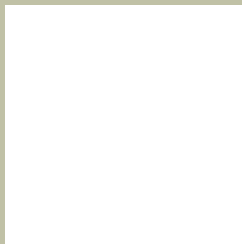
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.6230, -11.6461, 2.0846

Background



This preview shows how black text looks on a background with the YUV color 189.6230, -11.6461, 2.0846.



This preview shows how white text looks on a background with the YUV color 189.6230, -11.6461, 2.0846.

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

189.6230, -11.6461, 2.0846

Protanopia

190.1400, -12.3940, 8.6472

Deuteranopia

192.3420, -12.0006, 22.5021



Tritanopia

192.4010, 5.2253, 4.0333

Trichromacy



Original Color

189.6230, -11.6461, 2.0846

Protanomaly

189.8300, -12.2412, 6.2881

Deuteranomaly

191.2980, -11.9789, 15.5247

Tritanomaly

191.4950, -0.7370, 3.0739

Monochromacy



Original Color

189.6230, -11.6461, 2.0846

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6230, -11.6461, 2.0846 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(192, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 166)  
}
```

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(192, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 166) }
```

Border

The CSS property to change the border of an element to YUV 189.6230, -11.6461, 2.0846 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(192, 193, 166) }
```


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

```
.border{ border-color:rgb(192, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 189.6230, -11.6461, 2.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 166) }
```

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

```
.background{ background-color: rgb(192,  
193, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor