

Converting Colors

YUV(189.6360, -38.2745,
2.9502)

Have a look what the booklet for
YUV(189.6360, -38.2745, 2.9502)
contains.

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Color

**YUV(189.6360, -38.2745,
2.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CB70
RGB	193, 203, 112
RGB Percent	76%, 80%, 44%
CMY	0.2431, 0.2039, 0.5608
CMYK	0.05, 0.00, 0.45, 0.20
HSL	67°, 47%, 62%
HSV	67°, 45%, 80%
XYZ	46.2729, 55.2192, 23.5488
YIQ	189.6360, 23.2510, -30.4210

Conversions

Conversions Part 2

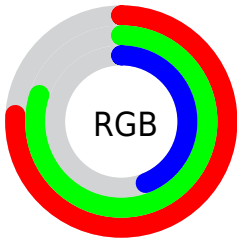
Format	Color
RYB	112, 203, 122
Decimal	12700528
CIELab	79.17, -16.87, 44.03
CIElCh	79, 47.150, 110.959
Yxy	55.2192, 0.3701, 0.4416
Android (android.graphics.Color)	4290890608 (0xFFC1CB70)
YUV	189.6360, -38.2745, 2.9502
Hunter-Lab	74.3096, -18.8892, 33.2277

Details

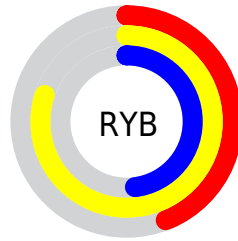
The YUV color $189.6360, -38.2745, 2.9502$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $125.3640, 38.2745, -2.9502$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.5440, -38.7222, 6.5389$, and $135.6790, -36.8167, 2.0355$ is the 20% darker color. If you saturate the color by 10%, you get $186.7580, -46.7157, 3.7202$, and if you desaturate by 10%, it is $192.5140, -29.8334, 2.1802$.

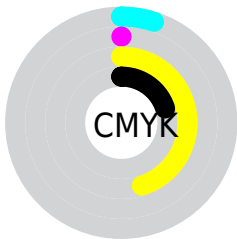
Distribution



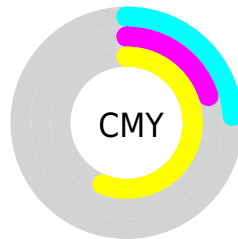
- Red (76%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6360, -38.2745, 2.9502 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 189.6360, -38.2745, 2.9502 by changing the saturation by 10% instead.

■ 189.6360,
-38.2745, 2.9502

■ 189.6360,
-38.2745, 2.9502

■ 255.0000, 0.0000,
0.0000

■ 162.4510,
-37.6903, 2.2355

■ 243.5440,
-38.7222, 6.5389

■ 135.6790,
-36.8167, 2.0355

■ 247.9320,
-27.0815, 6.1986

■ 109.4940,
-36.2325, 1.3208

■ 251.1240,
-14.8511, 3.3993

■ 83.6250, -38.2691,
1.2059

■ 254.4300, -2.1840,
0.4999

■ 61.9650, -30.5487,
-1.7233

■ 41.2880, -20.3550,
-4.6376

■ 20.2900, -10.0030,

-11.6553

■ 0.0000, 0.0000,
0.0000

■ 189.6360,
-38.2745, 2.9502

■ 189.6360,
-38.2745, 2.9502

■ 186.7580,
-46.7157, 3.7202

■ 192.5140,
-29.8334, 2.1802

■ 183.7660,
-55.5936, 4.5902

■ 195.5060,
-20.9555, 1.3102

■ 180.5890,
-63.8874, 4.7454

■ 198.6830,
-12.6617, 1.1550

■ 177.7110,
-72.3285, 5.5155

■ 201.5610, -4.2206,
0.3850

■ 174.8330,
-80.7697, 6.2855

■ 204.5530, 4.6574,
-0.4850

■ 173.2800,
-85.4270, 6.7704

■ 207.4310, 13.0985,
-1.2550

■ 210.6080, 21.3923,
-1.4102

■ 211.3200, 21.5342,
-0.2806

■ 211.9180, 21.2394,
0.9489

Harmonies

Analogous

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



193.9330, -41.8720, 36.8928



189.6360, -38.2745, 2.9502



183.3350, -21.8572, -36.2508

Triad

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



189.6360, -38.2745, 2.9502



154.6880, 49.4538, -135.6614



195.3930, 7.6943, 52.2753

Complementary

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



189.6360, -38.2745, 2.9502



125.3640, 38.2745, -2.9502

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.



201.4410, 24.9256, 32.0622



189.6360, -38.2745, 2.9502



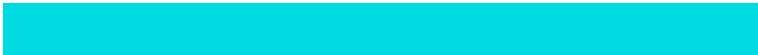
178.7180, 37.6070, -69.0357

Square

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



189.6360, -38.2745, 2.9502



154.3170, 35.3397, -135.3360



194.4200, 29.8659, -12.6463



190.3770, -11.5249, 56.6744

Rectangle

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



189.6360, -38.2745, 2.9502



176.8010, -5.3249, -65.6005



194.4200, 29.8659, -12.6463



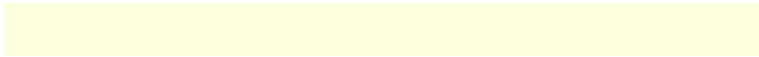
198.8640, 13.3780, 49.2313

Sweetspot

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



189.6360, -38.2745, 2.9502



250.0420, -13.8247, 0.8402



144.4920, -16.0186, 51.3115



124.7090, -8.7305, 0.2552



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.



189.6360, -38.2745, 2.9502



234.7830, -58.0670, 4.5753



176.1810, -31.6412, -24.7147



100.5610, -4.2206, 0.3850



141.6940, -69.8551, 5.5304



32.4720, -16.0087, 1.3401

Inverse Universe

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



125.3640, 38.2745, -2.9502



137.2170, 58.0670, -4.5753



138.8190, 31.6412, 24.7147



93.4390, 4.2206, -0.3850



24.3060, 69.8551, -5.5304



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 189.6360, -38.2745, 2.9502 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 189.6360, -38.2745, 2.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

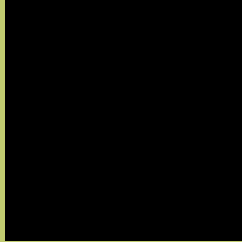
Any Text WCAG AA ✓ Pass

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 189.6360, -38.2745, 2.9502 Background



This preview shows how black text looks on a background with the YUV color 189.6360, -38.2745, 2.9502.



This preview shows how white text looks on a background with the YUV color 189.6360, -38.2745, 2.9502.

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

189.6360, -38.2745, 2.9502

Protanopia

191.7630, -40.8022, 20.3788

Deuteranopia

194.1550, -38.5304, 38.4521



Tritanopia

197.2980, 4.7831, 5.8777

Trichromacy



Original Color

189.6360, -38.2745, 2.9502

Protanomaly

191.2460, -40.0543, 13.8163

Deuteranomaly

192.7790, -38.3450, 25.6268

Tritanomaly

194.4600, -11.0728, 4.8586

Monochromacy



Original Color

189.6360, -38.2745, 2.9502

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0420, -13.8247, 0.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6360, -38.2745, 2.9502 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(193, 203, 112)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 112)  
}
```

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(193, 203, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 112) }
```

Border

The CSS property to change the border of an element to YUV 189.6360, -38.2745, 2.9502 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(193, 203, 112) }
```


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

```
.border{ border-color:rgb(193, 203, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 112);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 189.6360, -38.2745, 2.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 112) }
```

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

```
.background{ background-color: rgb(193,  
203, 112) }
```

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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