

Converting Colors

YUV(176.8930, -41.3592,
12.3718)

Have a look what the booklet for
YUV(176.8930, -41.3592, 12.3718)
contains.

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Color

**YUV(176.8930, -41.3592,
12.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBA5D
RGB	191, 186, 93
RGB Percent	75%, 73%, 36%
CMY	0.2510, 0.2706, 0.6353
CMYK	0.00, 0.03, 0.51, 0.25
HSL	57°, 43%, 56%
HSV	57°, 51%, 75%
XYZ	41.0205, 46.9845, 17.2628
YIQ	176.8930, 32.8330, -27.8630

Conversions

Conversions Part 2

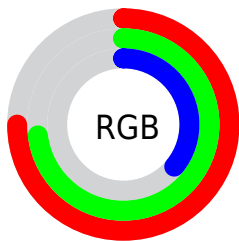
Format	Color
RYB	98, 191, 93
Decimal	12565085
CIELab	74.18, -10.85, 47.24
CIELCh	74, 48.467, 102.939
Yxy	46.9845, 0.3897, 0.4463
Android (android.graphics.Color)	4290755165 (0xFFBFBA5D)
YUV	176.8930, -41.3592, 12.3718
Hunter-Lab	68.5452, -13.1317, 33.0497

Details

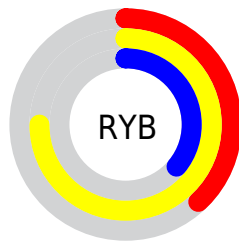
The YUV color **176.8930, -41.3592, 12.3718** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **107.1070, 41.3592, -12.3718**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1490, -42.9645, 13.9013**, and **123.2240, -40.0434, 10.3276** is the 20% darker color. If you saturate the color by 10%, you get **174.1400, -49.3690, 14.7862**, and if you desaturate by 10%, it is **179.6460, -33.3495, 9.9575**.

Distribution



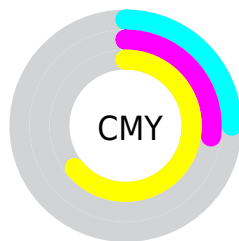
- Red (75%)
- Green (73%)
- Blue (36%)



- Red (38%)
- Yellow (75%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (51%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8930, -41.3592, 12.3718 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 176.8930, -41.3592, 12.3718 by changing the saturation by 10% instead.

■ 176.8930,
-41.3592, 12.3718

■ 176.8930,
-41.3592, 12.3718

255.0000, 0.0000,
0.0000

■ 149.7080,
-40.7750, 11.6571

■ 233.1490,
-42.9645, 13.9013

■ 123.2240,
-40.0434, 10.3276

■ 245.6520,
-35.8174, 8.1982

■ 97.1700, -41.4958,
9.4979

■ 248.8440,
-23.5871, 5.3988

■ 73.8260, -36.3962,
7.1686

■ 252.0360,
-11.3567, 2.5994

■ 52.8500, -26.0550,
3.6396

■ 32.4610, -16.0033,
-0.4043

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 176.8930,
-41.3592, 12.3718

■ 176.8930,
-41.3592, 12.3718

■ 174.1400,
-49.3690, 14.7862

■ 179.6460,
-33.3495, 9.9575

■ 171.3870,
-57.3788, 17.2006

■ 182.3990,
-25.3397, 7.5431

■ 168.6340,
-65.3886, 19.6150

■ 185.1520,
-17.3299, 5.1287

■ 165.8810,
-73.3983, 22.0294

■ 187.9050, -9.3202,
2.7143

■ 163.3560,
-80.5345, 24.2438

■ 190.7720, -0.8736,
0.2000

■ 193.5250, 7.1362,
-2.2144

■ 196.2780, 15.1459,
-4.6288

■ 199.0310, 23.1557,
-7.0432

■ 200.6440, 26.7975,
-8.4578

Harmonies

Analogous

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



180.5040, -41.1675, 44.2850



176.8930, -41.3592, 12.3718



171.2070, -27.7101, -25.6145

Triad

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



176.8930, -41.3592, 12.3718



146.7490, 46.9587, -128.6989



186.7510, 11.4618, 57.2234

Complementary

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



176.8930, -41.3592, 12.3718



107.1070, 41.3592, -12.3718

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.



187.0420, 30.0523, 21.0112



176.8930, -41.3592, 12.3718



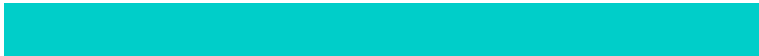
152.2170, 50.6720, -106.3073

Square

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



176.8930, -41.3592, 12.3718



143.8360, 28.1819, -126.1442



178.0850, 37.9191, -29.0155



180.7570, -7.7682, 65.1111

Rectangle

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



176.8930, -41.3592, 12.3718



165.0320, -12.3408, -55.2791



178.0850, 37.9191, -29.0155



187.4060, 18.0408, 47.0019

Sweetspot

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



176.8930, -41.3592, 12.3718



241.6080, -15.5827, 4.7288



123.1000, -11.3883, 59.5483



121.7910, -9.7570, 2.8143



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.



176.8930, -41.3592, 12.3718



225.4490, -64.8044, 18.9002



167.2700, -36.6151, -16.0228



92.9740, -3.9312, 0.8998



135.2920, -66.6990, 19.9149



26.2920, -12.9620, 4.1289

Inverse Universe

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



107.1070, 41.3592, -12.3718



116.1380, 64.5150, -19.4150



116.7300, 36.6151, 16.0228



86.0260, 3.9312, -0.8998



22.7080, 66.6990, -19.9149



4.7080, 12.9620, -4.1289

Previews

White Background



This preview shows how the YUV color 176.8930, -41.3592, 12.3718 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 176.8930, -41.3592, 12.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

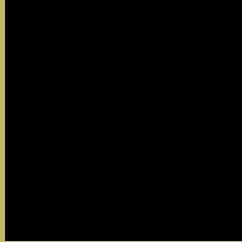
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8930, -41.3592, 12.3718

Background



This preview shows how black text looks on a background with the YUV color 176.8930, -41.3592, 12.3718.



This preview shows how white text looks on a background with the YUV color 176.8930, -41.3592, 12.3718.

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

176.8930, -41.3592, 12.3718

Protanopia

178.0080, -42.4019, 20.1640

Deuteranopia

180.0580, -41.4406, 38.5371



Tritanopia

184.3700, 2.2826, 14.5845

Trichromacy



Original Color

176.8930, -41.3592, 12.3718

Protanomaly

177.3990, -42.1017, 17.1901

Deuteranomaly

178.7040, -41.2661, 29.2006

Tritanomaly

181.5320, -13.5733, 13.5654

Monochromacy



Original Color

176.8930, -41.3592, 12.3718

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7220, -15.1459, 4.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8930, -41.3592, 12.3718 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(191, 186, 93)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 93)  
}
```

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(191, 186, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 93) }
```

Border

The CSS property to change the border of an element to YUV 176.8930, -41.3592, 12.3718 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(191, 186, 93) }
```


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

```
.border{ border-color:rgb(191, 186, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 93);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 176.8930, -41.3592, 12.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 93) }
```

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

```
.background{ background-color: rgb(191,  
186, 93) }
```

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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