

Converting Colors

YUV(177.1160, -42.9482,
8.6683)

Have a look what the booklet for
YUV(177.1160, -42.9482, 8.6683)
contains.

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Color

**YUV(177.1160, -42.9482,
8.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBD5A
RGB	187, 189, 90
RGB Percent	73%, 74%, 35%
CMY	0.2667, 0.2588, 0.6471
CMYK	0.01, 0.00, 0.52, 0.26
HSL	61°, 43%, 55%
HSV	61°, 52%, 74%
XYZ	40.5366, 47.6982, 16.7430
YIQ	177.1160, 30.5870, -31.2130

Conversions

Conversions Part 2

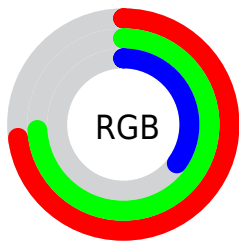
Format	Color
RYB	90, 189, 92
Decimal	12303706
CIELab	74.63, -14.30, 49.12
CIELCh	75, 51.157, 106.235
Yxy	47.6982, 0.3861, 0.4544
Android (android.graphics.Color)	4290493786 (0xFFBBBD5A)
YUV	177.1160, -42.9482, 8.6683
Hunter-Lab	69.0639, -16.0924, 33.9711

Details

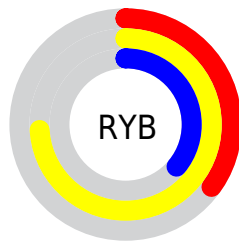
The YUV color $177.1160, -42.9482, 8.6683$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $101.8840, 42.9482, -8.6683$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.3720, -44.5534, 10.1978$, and $123.3330, -42.0692, 6.7240$ is the 20% darker color. If you saturate the color by 10%, you get $174.9500, -51.2473, 10.5679$, and if you desaturate by 10%, it is $179.2820, -34.6490, 6.7687$.

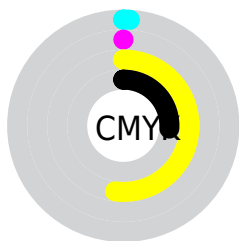
Distribution



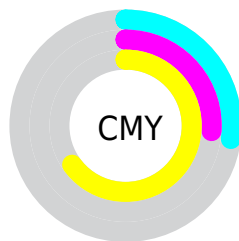
- Red (73%)
- Green (74%)
- Blue (35%)



- Red (35%)
- Yellow (74%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1160, -42.9482, 8.6683 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 177.1160, -42.9482, 8.6683 by changing the saturation by 10% instead.

■ 177.1160,
-42.9482, 8.6683

■ 177.1160,
-42.9482, 8.6683

255.0000, 0.0000,
0.0000

■ 149.9310,
-42.3640, 7.9535

■ 233.3720,
-44.5534, 10.1978

■ 123.3330,
-42.0692, 6.7240

■ 245.3100,
-37.1278, 8.4981

■ 97.2360, -44.9793,
6.8090

■ 248.5020,
-24.8975, 5.6987

■ 74.1030, -36.5328,
4.2947

■ 251.6940,
-12.6671, 2.8994

■ 53.1270, -26.1916,
0.7656

■ 32.4390, -15.9924,
-3.8930

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 177.1160,
-42.9482, 8.6683

■ 177.1160,
-42.9482, 8.6683

■ 174.9500,
-51.2473, 10.5679

■ 179.2820,
-34.6490, 6.7687

■ 172.4850,
-59.3991, 11.8527

■ 181.7470,
-26.4973, 5.4839

■ 170.3190,
-67.6983, 13.7522

■ 183.9130,
-18.1981, 3.5843

■ 167.8540,
-75.8500, 15.0370

■ 186.3780,
-10.0464, 2.2995

■ 166.2580,
-81.9652, 16.4367

■ 188.5440, -1.7472,
0.3999

■ 190.5960, 6.1152,
-1.3997

■ 193.0610, 14.2669,
-2.6845

■ 195.2270, 22.5661,
-4.5841

■ 196.8230, 28.6813,
-5.9838

Harmonies

Analogous

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



180.9940, -44.3670, 43.8553



177.1160, -42.9482, 8.6683



170.6900, -26.9622, -32.1771

Triad

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



177.1160, -42.9482, 8.6683



148.2480, 50.1637, -130.0135



186.1320, 10.2879, 60.3972

Complementary

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



177.1160, -42.9482, 8.6683



101.8840, 42.9482, -8.6683

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.



188.6730, 29.7412, 27.4738



177.1160, -42.9482, 8.6683



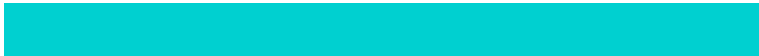
151.0100, 51.2671, -110.5108

Square

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



177.1160, -42.9482, 8.6683



145.8080, 30.6607, -127.8736



180.1780, 36.8872, -24.7121



179.6000, -9.6628, 66.1258

Rectangle

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



177.1160, -42.9482, 8.6683



163.3620, -9.5455, -65.2155



180.1780, 36.8872, -24.7121



188.8090, 16.8562, 53.6645

Sweetspot

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



177.1160, -42.9482, 8.6683



240.2550, -16.8877, 3.2844



120.7750, -15.1721, 59.8333



119.3780, -10.0464, 2.2995



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



177.1160, -42.9482, 8.6683



226.5470, -66.8247, 13.5523



162.4650, -35.7252, -21.4558



92.9740, -3.9312, 0.8998



139.0910, -68.5719, 13.9522



27.1670, -13.3933, 2.4845

Inverse Universe

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



101.8840, 42.9482, -8.6683



109.4530, 66.8247, -13.5523



116.5350, 35.7252, 21.4558



86.0260, 3.9312, -0.8998



18.9090, 68.5719, -13.9522



3.8330, 13.3933, -2.4845

Previews

White Background



This preview shows how the YUV color 177.1160, -42.9482, 8.6683 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 177.1160, -42.9482, 8.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

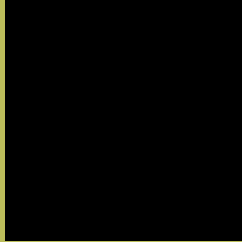
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.1160, -42.9482, 8.6683

Background



This preview shows how black text looks on a background with the YUV color 177.1160, -42.9482, 8.6683.



This preview shows how white text looks on a background with the YUV color 177.1160, -42.9482, 8.6683.

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

177.1160, -42.9482, 8.6683

Protanopia

178.7370, -44.7333, 21.2787

Deuteranopia

180.7160, -42.7510, 38.8371



Tritanopia

185.5760, 3.1670, 10.8958

Trichromacy



Original Color

177.1160, -42.9482, 8.6683

Protanomaly

178.2310, -43.9909, 16.4604

Deuteranomaly

179.3510, -42.5710, 27.7562

Tritanomaly

182.5100, -13.5624, 10.0767

Monochromacy



Original Color

177.1160, -42.9482, 8.6683

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8960, -15.7247, 3.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1160, -42.9482, 8.6683 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(187, 189, 90)` looks like.

```
.text, #text, p{  
    color:rgb(187, 189, 90)  
}
```

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(187, 189, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 90) }
```

Border

The CSS property to change the border of an element to YUV 177.1160, -42.9482, 8.6683 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(187, 189, 90) }
```


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

```
.border{ border-color:rgb(187, 189, 90) }
```

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

Here you see how a box with a 4 pixel rgb(187, 189, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 189, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 189, 90);  
box-shadow:4px 4px 4px 4px rgb(187, 189,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 177.1160, -42.9482, 8.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 90) }
```

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

```
.background{ background-color: rgb(187,  
189, 90) }
```

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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