

Converting Colors

YUV(173.3880, -62.3093,
11.9377)

Have a look what the booklet for
YUV(173.3880, -62.3093, 11.9377)
contains.

YUV(173.3880, -62.3093, 11.9377)	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(173.3880, -62.3093,
11.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBF2F
RGB	187, 191, 47
RGB Percent	73%, 75%, 18%
CMY	0.2667, 0.2510, 0.8157
CMYK	0.02, 0.00, 0.75, 0.25
HSL	62°, 61%, 47%
HSV	62°, 75%, 75%
XYZ	39.6374, 48.0316, 9.8712
YIQ	173.3880, 43.8400, -45.6320

Conversions

Conversions Part 2

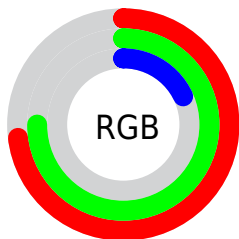
Format	Color
RYB	47, 191, 51
Decimal	12304175
CIELab	74.84, -18.01, 66.78
CIELCh	75, 69.170, 105.096
Yxy	48.0316, 0.4064, 0.4924
Android (android.graphics.Color)	4290494255 (0xFFBBBF2F)
YUV	173.3880, -62.3093, 11.9377
Hunter-Lab	69.3049, -19.1943, 40.0686

Details

The YUV color **173.3880, -62.3093, 11.9377** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **64.6120, 62.3093, -11.9377**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3990, -62.3147, 13.6821**, and **119.8760, -59.0989, 8.8787** is the 20% darker color. If you saturate the color by 10%, you get **170.9230, -70.4610, 13.2225**, and if you desaturate by 10%, it is **175.8530, -54.1575, 10.6529**.

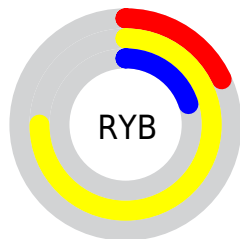
Distribution



Red (73%)

Green (75%)

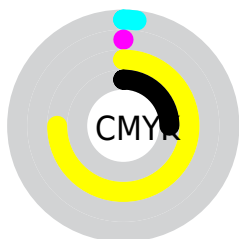
Blue (18%)



Red (18%)

Yellow (75%)

Blue (20%)

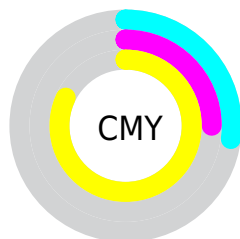


Cyan (2%)

Magenta (0%)

Yellow (75%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3880, -62.3093, 11.9377 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 173.3880, -62.3093, 11.9377 by changing the saturation by 10% instead.

■ 173.3880,
-62.3093, 11.9377

■ 173.3880,
-62.3093, 11.9377

■ 255.0000, 0.0000,
0.0000

■ 143.9660,
-69.0032, 12.3078

■ 230.3990,
-62.3147, 13.6821

■ 119.8760,
-59.0989, 8.8787

■ 240.9780,
-53.7262, 12.2973

■ 96.8290, -47.7367,
4.5350

■ 244.1700,
-41.4958, 9.4979

■ 74.0810, -36.5219,
0.8060

■ 247.4760,
-28.8287, 6.5985

■ 52.8060, -26.0334,
-3.3379

■ 250.6680,
-16.5983, 3.7992

■ 32.1180, -15.8342,
-7.9965

■ 254.0880, -3.4944,

■ 14.0880, -6.9454,

0.7998

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 173.3880,
-62.3093, 11.9377

■ 173.3880,
-62.3093, 11.9377

■ 170.9230,
-70.4610, 13.2225

■ 175.8530,
-54.1575, 10.6529

■ 168.7570,
-78.7602, 15.1221

■ 178.0190,
-45.8584, 8.7533

■ 167.7310,
-82.6914, 16.0219

■ 180.4840,
-37.7066, 7.4685

■ 182.6500,
-29.4074, 5.5690

■ 185.1150,
-21.2557, 4.2841

■ 187.3950,
-12.5197, 2.2846

■ 189.8600, -4.3680,
0.9998

■ 192.0260, 3.9312,
-0.8998

■ 194.4910, 12.0829,
-2.1846

Harmonies

Analogous

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



178.7880, -62.0135, 57.1909



173.3880, -62.3093, 11.9377



164.5670, -37.2545, -44.3473

Triad

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



173.3880, -62.3093, 11.9377



152.9270, 50.3220, -134.1170



176.9340, 20.7385, 68.4639

Complementary

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



173.3880, -62.3093, 11.9377



64.6120, 62.3093, -11.9377

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.



187.3520, 33.3505, 36.5253



173.3880, -62.3093, 11.9377



146.4700, 53.5053, -128.4542

Square

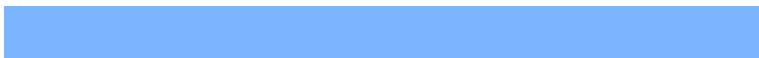
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.3880, -62.3093, 11.9377



150.7150, 31.6925, -132.1771



171.5070, 41.1620, -42.5406



167.2900, -6.0590, 76.9217

Rectangle

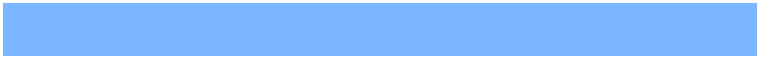
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.3880, -62.3093, 11.9377



138.4490, -5.1514, -121.4198



171.5070, 41.1620, -42.5406



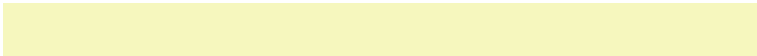
183.3230, 27.4488, 62.8607

Sweetspot

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



173.3880, -62.3093, 11.9377



240.2030, -24.7501, 5.0840



91.2300, -21.8054, 87.4983



120.7110, -15.1405, 2.8845



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.



173.3880, -62.3093, 11.9377



219.8980, -96.0847, 18.5065



152.4580, -51.9908, -31.0967



92.9740, -3.9312, 0.8998



138.7920, -68.4245, 13.3374



27.1670, -13.3933, 2.4845

Inverse Universe

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



64.6120, 62.3093, -11.9377



52.1020, 96.0847, -18.5065



85.5420, 51.9908, 31.0967



86.0260, 3.9312, -0.8998



19.2080, 68.4245, -13.3374



3.8330, 13.3933, -2.4845

Previews

White Background



This preview shows how the YUV color 173.3880, -62.3093, 11.9377 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 173.3880, -62.3093, 11.9377 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 173.3880, -62.3093, 11.9377

Background



This preview shows how black text looks on a background with the YUV color 173.3880, -62.3093, 11.9377.



This preview shows how white text looks on a background with the YUV color 173.3880, -62.3093, 11.9377.

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

173.3880, -62.3093, 11.9377

Protanopia

175.0310, -64.1053, 28.0368

Deuteranopia

177.9500, -61.1073, 46.5249



Tritanopia

185.8750, 3.0196, 11.5106

Trichromacy



Original Color

173.3880, -62.3093, 11.9377

Protanomaly

174.8130, -63.5048, 22.0890

Deuteranomaly

176.3460, -61.7956, 33.8996

Tritanomaly

181.5720, -20.9880, 11.7764

Monochromacy



Original Color

173.3880, -62.3093, 11.9377

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3600, -22.8555, 4.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3880, -62.3093, 11.9377 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, 191, 47)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 47)  
}
```

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, 191, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 47) }
```

Border

The CSS property to change the border of an element to YUV 173.3880, -62.3093, 11.9377 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, 191, 47) }
```


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

```
.border{ border-color:rgb(187, 191, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 47);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 173.3880, -62.3093, 11.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 47) }
```

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

```
.background{ background-color: rgb(187,  
191, 47) }
```

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