

Converting Colors

YUV(177.5030, -43.1390,
23.2379)

Have a look what the booklet for
YUV(177.5030, -43.1390, 23.2379)
contains.

YUV(177.5030, -43.1390, 23.2379)	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(177.5030, -43.1390,
23.2379)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB55A
RGB	204, 181, 90
RGB Percent	80%, 71%, 35%
CMY	0.2000, 0.2902, 0.6471
CMYK	0.00, 0.11, 0.56, 0.20
HSL	48°, 53%, 58%
HSV	48°, 56%, 80%
XYZ	43.2712, 46.6233, 16.3914
YIQ	177.5030, 42.9190, -23.4250

Conversions

Conversions Part 2

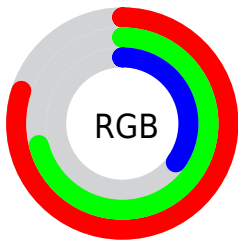
Format	Color
RYB	119, 204, 90
Decimal	13415770
CIELab	73.95, -3.07, 48.69
CIELCh	74, 48.786, 93.603
Yxy	46.6233, 0.4071, 0.4387
Android (android.graphics.Color)	4291605850 (0xFFCCB55A)
YUV	177.5030, -43.1390, 23.2379
Hunter-Lab	68.2813, -6.3732, 33.5639

Details

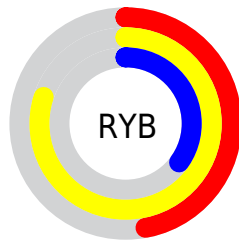
The YUV color **177.5030, -43.1390, 23.2379** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **116.4970, 43.1390, -23.2379**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6660, -43.7123, 20.4639**, and **123.5350, -41.6758, 20.5788** is the 20% darker color. If you saturate the color by 10%, you get **172.8750, -50.7174, 27.2966**, and if you desaturate by 10%, it is **182.1310, -35.5606, 19.1791**.

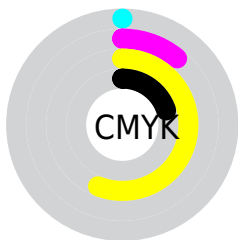
Distribution



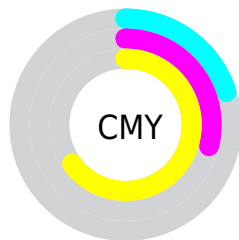
- Red (80%)
- Green (71%)
- Blue (35%)



- Red (47%)
- Yellow (80%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5030, -43.1390, 23.2379 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 177.5030, -43.1390, 23.2379 by changing the saturation by 10% instead.

■ 177.5030,
-43.1390, 23.2379

■ 177.5030,
-43.1390, 23.2379

255.0000, 0.0000,
0.0000

■ 150.0190,
-42.4074, 21.9083

■ 231.6660,
-43.7123, 20.4639

■ 123.5350,
-41.6758, 20.5788

■ 245.3100,
-37.1278, 8.4981

■ 97.8400, -44.2911,
19.4343

■ 248.5020,
-24.8975, 5.6987

■ 74.7670, -36.8601,
15.9903

■ 251.6940,
-12.6671, 2.8994

■ 53.4920, -26.3716,
11.8465

■ 33.6900, -16.6092,
7.2879

■ 12.9910, -6.4046,

0.8849

■ 0.0000, 0.0000,
0.0000

■ 177.5030,
-43.1390, 23.2379

■ 177.5030,
-43.1390, 23.2379

■ 172.8750,
-50.7174, 27.2966

■ 182.1310,
-35.5606, 19.1791

■ 168.1330,
-58.7326, 31.4554

■ 186.8730,
-27.5454, 15.0204

■ 163.5050,
-66.3110, 35.5141

■ 191.5010,
-19.9670, 10.9616

■ 158.7630,
-74.3262, 39.6728

■ 196.2430,
-11.9518, 6.8029

■ 156.6770,
-77.2418, 41.5023

■ 201.4580, -4.6628,
2.2293

■ 206.0860, 2.9156,
-1.8294

■ 210.8280, 10.9308,
-5.9882

■ 215.4560, 18.5092,
-10.0469

■ 218.0320, 18.2252,
-12.3061

Harmonies

Analogous

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



180.5420, -38.7212, 53.0217



177.5030, -43.1390, 23.2379



172.7910, -33.4210, -13.8487

Triad

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



177.5030, -43.1390, 23.2379



145.9680, 41.4278, -128.0139



186.8900, 17.3092, 48.3315

Complementary

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



177.5030, -43.1390, 23.2379



116.4970, 43.1390, -23.2379

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.



185.3930, 34.3163, 6.6713



177.5030, -43.1390, 23.2379



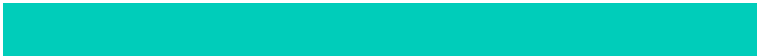
144.7090, 54.3735, -126.9098

Square

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



177.5030, -43.1390, 23.2379



141.5390, 21.9193, -124.1297



172.6480, 40.5995, -48.8033



181.6520, -1.8004, 64.3262

Rectangle

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



177.5030, -43.1390, 23.2379



167.4700, -19.9517, -40.7542



172.6480, 40.5995, -48.8033



187.1210, 23.6043, 35.8509

Sweetspot

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



177.5030, -43.1390, 23.2379



244.8150, -16.1778, 8.9322



126.9360, -5.8844, 67.5851



121.5140, -9.6204, 5.6882



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.



177.5030, -43.1390, 23.2379



215.5480, -64.8532, 34.5994



181.4360, -45.0779, -8.2754



99.6860, -3.7892, 2.0294



127.1180, -62.6692, 34.0995



29.5590, -14.5726, 7.4028

Inverse Universe

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



116.4970, 43.1390, -23.2379



124.0390, 64.5638, -35.1142



112.5640, 45.0779, 8.2754



94.3140, 3.7892, -2.0294



38.2950, 62.9586, -33.5847



9.0280, 14.2832, -7.9176

Previews

White Background



This preview shows how the YUV color 177.5030, -43.1390, 23.2379 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 177.5030, -43.1390, 23.2379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

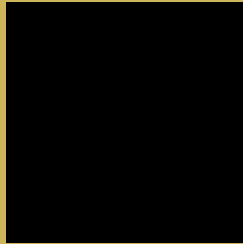
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.5030, -43.1390, 23.2379

Background



This preview shows how black text looks on a background with the YUV color 177.5030, -43.1390, 23.2379.



This preview shows how white text looks on a background with the YUV color 177.5030, -43.1390, 23.2379.

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

177.5030, -43.1390, 23.2379

Protanopia

177.1930, -42.9861, 20.8787

Deuteranopia

179.0150, -42.8984, 39.4518



Tritanopia

185.0400, -0.5127, 24.5209

Trichromacy



Original Color

177.5030, -43.1390, 23.2379

Protanomaly

177.4920, -43.1336, 21.4935

Deuteranomaly

178.5690, -43.1715, 33.7040

Tritanomaly

182.6150, -16.0792, 24.0166

Monochromacy



Original Color

177.5030, -43.1390, 23.2379

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6300, -15.5936, 8.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5030, -43.1390, 23.2379 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(204, 181, 90)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 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(204, 181, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 90) }
```

Border

The CSS property to change the border of an element to YUV 177.5030, -43.1390, 23.2379 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(204, 181, 90) }
```


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

```
.border{ border-color:rgb(204, 181, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 90);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 177.5030, -43.1390, 23.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 90) }
```

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

```
.background{ background-color: rgb(204,  
181, 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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