

Converting Colors

YUV(178.2090, -40.5290,
26.1267)

Have a look what the booklet for
YUV(178.2090, -40.5290, 26.1267)
contains.

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Color

**YUV(178.2090, -40.5290,
26.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B360
RGB	208, 179, 96
RGB Percent	82%, 70%, 38%
CMY	0.1843, 0.2980, 0.6235
CMYK	0.00, 0.14, 0.54, 0.18
HSL	44°, 54%, 60%
HSV	44°, 54%, 82%
XYZ	44.2438, 46.4946, 17.7088
YIQ	178.2090, 43.9270, -19.6650

Conversions

Conversions Part 2

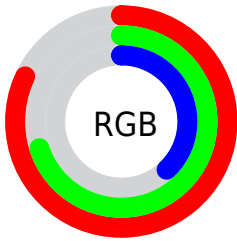
Format	Color
RYB	135, 208, 96
Decimal	13677408
CIELab	73.87, 0.15, 45.77
CIELCh	74, 45.770, 89.810
Yxy	46.4946, 0.4080, 0.4287
Android (android.graphics.Color)	4291867488 (0xFFD0B360)
YUV	178.2090, -40.5290, 26.1267
Hunter-Lab	68.1870, -3.5056, 32.3327

Details

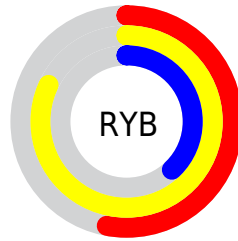
The YUV color $178.2090, -40.5290, 26.1267$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $125.7910, 40.5290, -26.1267$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.0620, -40.9496, 20.9936$, and $124.9420, -38.9184, 22.8529$ is the 20% darker color. If you saturate the color by 10%, you get $172.8800, -48.2548, 30.8002$, and if you desaturate by 10%, it is $183.5380, -32.8032, 21.4532$.

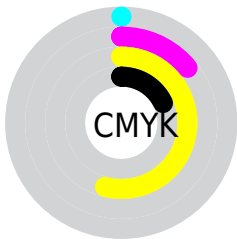
Distribution



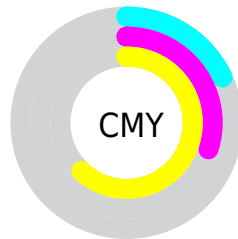
- Red (82%)
- Green (70%)
- Blue (38%)



- Red (53%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2090, -40.5290, 26.1267 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 178.2090, -40.5290, 26.1267 by changing the saturation by 10% instead.

■ 178.2090,
-40.5290, 26.1267

■ 178.2090,
-40.5290, 26.1267

■ 255.0000, 0.0000,
0.0000

■ 150.8390,
-39.3606, 24.6972

■ 231.0620,
-40.9496, 20.9936

■ 124.9420,
-38.9184, 22.8529

■ 245.9940,
-34.5070, 7.8983

■ 99.1160, -39.4972,
21.8233

■ 249.1860,
-22.2767, 5.0989

■ 74.7890, -36.8710,
19.4790

■ 252.3780,
-10.0464, 2.2995

■ 53.5140, -26.3824,
15.3352

■ 33.4130, -16.4726,
10.1618

■ 13.3120, -6.5628,

4.9884

0.0000, 0.0000,
0.0000

178.2090,
-40.5290, 26.1267

178.2090,
-40.5290, 26.1267

172.8800,
-48.2548, 30.8002

183.5380,
-32.8032, 21.4532

166.9640,
-55.6913, 35.9886

189.4540,
-25.3668, 16.2648

161.7490,
-62.9803, 40.5621

194.6690,
-18.0778, 11.6913

155.8330,
-70.4167, 45.7505

200.5850,
-10.6414, 6.5030

152.5900,
-75.2269, 48.5946

205.9140, -2.9156,
1.8294

■ 211.2430, 4.8102,
-2.8441

■ 217.1590, 12.2466,
-8.0324

■ 221.5760, 16.4780,
-11.9062

■ 224.5110, 15.0311,
-14.4801

Harmonies

Analogous

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



181.1660, -35.0848, 53.3514



178.2090, -40.5290, 26.1267



173.6500, -32.8585, -7.5861

Triad

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



178.2090, -40.5290, 26.1267



144.4690, 38.2228, -126.6993



187.0740, 18.2045, 41.1541

Complementary

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



178.2090, -40.5290, 26.1267



125.7910, 40.5290, -26.1267

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.



184.6480, 34.1905, 0.3087



178.2090, -40.5290, 26.1267



144.4810, 53.4999, -126.7098

Square

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



178.2090, -40.5290, 26.1267



149.8470, 14.8654, -101.5978



172.3380, 40.7524, -51.1624



183.9830, -0.4846, 62.2819

Rectangle

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



178.2090, -40.5290, 26.1267



169.4710, -21.4312, -32.8621



172.3380, 40.7524, -51.1624



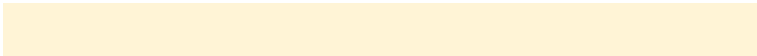
186.6040, 24.3522, 29.2883

Sweetspot

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



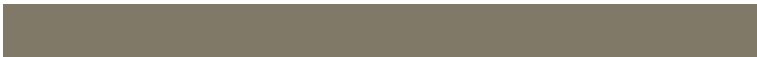
178.2090, -40.5290, 26.1267



243.8690, -14.7254, 9.7619



132.9080, -3.4056, 65.8557



121.0410, -8.8942, 6.1030



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.



178.2090, -40.5290, 26.1267



210.8350, -60.0647, 38.7327



187.4580, -45.0888, -4.7867



101.9850, -3.9366, 2.6442



123.6070, -60.9383, 38.9327



29.8690, -14.7254, 9.7619

Inverse Universe

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



125.7910, 40.5290, -26.1267



133.1650, 60.0647, -38.7327



116.5420, 45.0888, 4.7867



97.0150, 3.9366, -2.6442



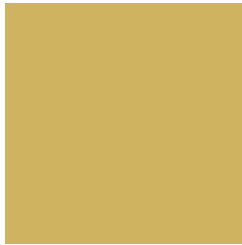
44.9800, 60.6489, -39.4475



11.1310, 14.7254, -9.7619

Previews

White Background



This preview shows how the YUV color 178.2090, -40.5290, 26.1267 looks on a white background.

Color Contrast Check

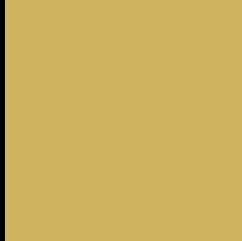
Large Text (above 18pt) WCAG AA × Fail

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 178.2090, -40.5290, 26.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

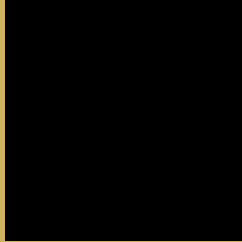
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.2090, -40.5290, 26.1267

Background



This preview shows how black text looks on a background with the YUV color 178.2090, -40.5290, 26.1267.



This preview shows how white text looks on a background with the YUV color 178.2090, -40.5290,

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

178.2090, -40.5290, 26.1267

Protanopia

177.6920, -39.7812, 19.5641

Deuteranopia

178.9870, -40.4196, 37.7224



Tritanopia

184.5350, -1.2498, 27.5948

Trichromacy



Original Color

178.2090, -40.5290, 26.1267

Protanomaly

178.0020, -39.9340, 21.9232

Deuteranomaly

178.6660, -40.2613, 33.6189

Tritanomaly

182.4520, -15.5058, 26.7906

Monochromacy



Original Color

178.2090, -40.5290, 26.1267

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8690, -14.7254, 9.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2090, -40.5290, 26.1267 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(208, 179, 96)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 96)  
}
```

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(208, 179, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 96) }
```

Border

The CSS property to change the border of an element to YUV 178.2090, -40.5290, 26.1267 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(208, 179, 96) }
```


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

```
.border{ border-color:rgb(208, 179, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 96);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 178.2090, -40.5290, 26.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 96) }
```

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

```
.background{ background-color: rgb(208,  
179, 96) }
```

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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