

Converting Colors

YUV(185.8880, -40.3708,
22.0232)

Have a look what the booklet for
YUV(185.8880, -40.3708, 22.0232)
contains.

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Color

**YUV(185.8880, -40.3708,
22.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BD68
RGB	211, 189, 104
RGB Percent	83%, 74%, 41%
CMY	0.1725, 0.2588, 0.5922
CMYK	0.00, 0.10, 0.51, 0.17
HSL	48°, 55%, 62%
HSV	48°, 51%, 83%
XYZ	47.5603, 51.2436, 20.4810
YIQ	185.8880, 40.3970, -21.7710

Conversions

Conversions Part 2

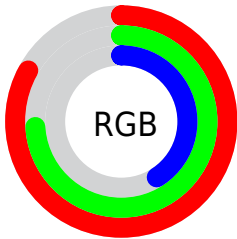
Format	Color
RYB	132, 211, 104
Decimal	13876584
CIELab	76.83, -3.16, 45.45
CIELCh	77, 45.562, 93.978
Yxy	51.2436, 0.3987, 0.4296
Android (android.graphics.Color)	4292066664 (0xFFD3BD68)
YUV	185.8880, -40.3708, 22.0232
Hunter-Lab	71.5846, -6.6790, 33.1458

Details

The YUV color $185.8880, -40.3708, 22.0232$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $129.1120, 40.3708, -22.0232$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9580, -39.9123, 14.9458$, and $131.9200, -38.9076, 19.3642$ is the 20% darker color. If you saturate the color by 10%, you get $181.1460, -48.3860, 26.1820$, and if you desaturate by 10%, it is $190.6300, -32.3556, 17.8645$.

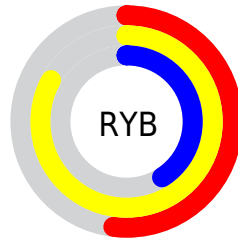
Distribution



Red (83%)

Green (74%)

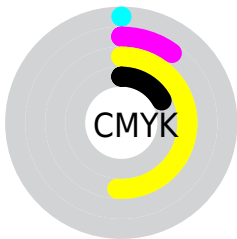
Blue (41%)



Red (52%)

Yellow (83%)

Blue (41%)

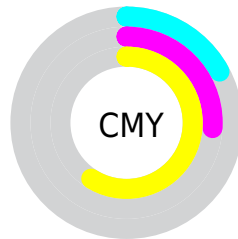


Cyan (0%)

Magenta (10%)

Yellow (51%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.8880, -40.3708, 22.0232 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 185.8880, -40.3708, 22.0232 by changing the saturation by 10% instead.

■ 185.8880,
-40.3708, 22.0232

■ 185.8880,
-40.3708, 22.0232

■ 255.0000, 0.0000,
0.0000

■ 158.5180,
-39.2024, 20.5937

■ 237.9580,
-39.9123, 14.9458

■ 131.9200,
-38.9076, 19.3642

■ 246.9060,
-31.0127, 7.0984

■ 106.3220,
-38.6127, 18.1346

■ 250.0980,
-18.7823, 4.2991

■ 80.9690, -39.9177,
16.6902

■ 253.4040, -6.1152,
1.3997

■ 59.4060, -29.2872,
13.6759

■ 39.3050, -19.3774,
8.5025

■ 20.0900, -9.9044,

3.4291

■ 0.0000, 0.0000,
0.0000

■ 185.8880,
-40.3708, 22.0232

■ 185.8880,
-40.3708, 22.0232

■ 181.1460,
-48.3860, 26.1820

■ 190.6300,
-32.3556, 17.8645

■ 175.8170,
-56.1118, 30.8555

■ 195.9590,
-24.6298, 13.1910

■ 171.0750,
-64.1270, 35.0142

■ 200.7010,
-16.6146, 9.0322

■ 166.3330,
-72.1422, 39.1730

■ 205.4430, -8.5994,
4.8735

■ 161.7050,
-79.7206, 43.2317

■ 210.8860, -0.4368,
0.1000

■ 215.6280, 7.5784,
-4.0588

■ 220.3700, 15.5936,
-8.2175

■ 223.6470, 15.4570,
-11.0914

■ 225.9950, 14.2995,
-13.1506

Harmonies

Analogous

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



188.8020, -36.3844, 50.1626



185.8880, -40.3708, 22.0232



181.3720, -31.2424, -12.6042

Triad

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



185.8880, -40.3708, 22.0232



150.0600, 41.8754, -131.6026



194.8250, 15.8623, 45.7575

Complementary

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



185.8880, -40.3708, 22.0232



129.1120, 40.3708, -22.0232

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.



193.0680, 30.5325, 6.9564



185.8880, -40.3708, 22.0232



158.3860, 47.6307, -110.8405

Square

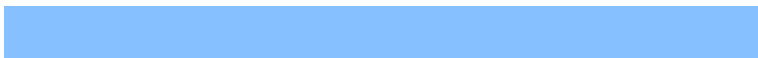
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185.8880, -40.3708, 22.0232



157.0250, 18.2287, -107.0159



181.8400, 36.0679, -41.9557



189.0210, -1.4894, 57.8636

Rectangle

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



185.8880, -40.3708, 22.0232



177.0080, -19.2309, -38.5950



181.8400, 36.0679, -41.9557



194.7680, 22.2994, 34.4065

Sweetspot

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



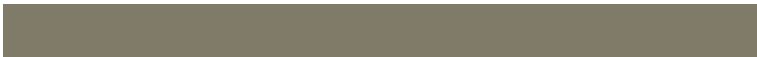
185.8880, -40.3708, 22.0232



245.9720, -14.2832, 7.9176



138.6150, -5.7262, 63.4816



122.4430, -8.5994, 4.8735



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.



185.8880, -40.3708, 22.0232



218.4320, -58.8800, 32.0701



189.8320, -42.3152, -7.7457



101.9850, -3.9366, 2.6442



128.8900, -63.5428, 34.2995



31.0430, -15.3042, 8.7323

Inverse Universe

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



129.1120, 40.3708, -22.0232



135.5680, 58.8800, -32.0701



125.1680, 42.3152, 7.7457



96.4280, 4.2260, -2.1294



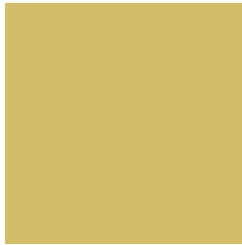
39.6970, 63.2534, -34.8143



9.3700, 15.5936, -8.2175

Previews

White Background



This preview shows how the YUV color 185.8880, -40.3708, 22.0232 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 185.8880, -40.3708, 22.0232 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 185.8880, -40.3708, 22.0232

Background



This preview shows how black text looks on a background with the YUV color 185.8880, -40.3708, 22.0232.



This preview shows how white text looks on a background with the YUV color 185.8880, -40.3708, 22.0232.

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

185.8880, -40.3708, 22.0232

Protanopia

185.8770, -40.3654, 20.2789

Deuteranopia

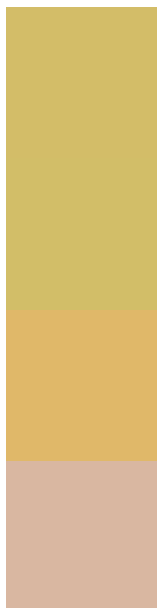
187.6990, -40.2776, 38.8520



Tritanopia

192.8550, 0.0715, 23.8062

Trichromacy



Original Color

185.8880, -40.3708, 22.0232

Protanomaly

186.1760, -40.5128, 20.8936

Deuteranomaly

186.9540, -40.4033, 32.4893

Tritanomaly

190.6580, -14.6214, 23.1019

Monochromacy



Original Color

185.8880, -40.3708, 22.0232

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8580, -14.7200, 8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.8880, -40.3708, 22.0232 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(211, 189, 104)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 104)  
}
```

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(211, 189, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 104) }
```

Border

The CSS property to change the border of an element to YUV 185.8880, -40.3708, 22.0232 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(211, 189, 104) }
```


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

```
.border{ border-color:rgb(211, 189, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 104);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 185.8880, -40.3708, 22.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 104) }
```

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

```
.background{ background-color: rgb(211,  
189, 104) }
```

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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