

Converting Colors

YUV(173.4190, -35.7026,
18.0495)

Have a look what the booklet for
YUV(173.4190, -35.7026, 18.0495)
contains.

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Color

**YUV(173.4190, -35.7026,
18.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B165
RGB	194, 177, 101
RGB Percent	76%, 69%, 40%
CMY	0.2392, 0.3059, 0.6039
CMYK	0.00, 0.09, 0.48, 0.24
HSL	49°, 43%, 58%
HSV	49°, 48%, 76%
XYZ	40.3192, 43.8532, 18.6514
YIQ	173.4190, 34.5280, -20.0320

Conversions

Conversions Part 2

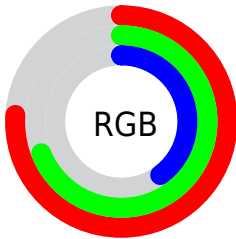
Format	Color
RYB	122, 194, 101
Decimal	12759397
CIELab	72.13, -4.18, 40.87
CIELCh	72, 41.088, 95.844
Yxy	43.8532, 0.3921, 0.4265
Android (android.graphics.Color)	4290949477 (0xFFC2B165)
YUV	173.4190, -35.7026, 18.0495
Hunter-Lab	66.2217, -7.2080, 29.6562

Details

The YUV color $173.4190, -35.7026, 18.0495$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $121.5810, 35.7026, -18.0495$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.9740, -37.4552, 20.1938$, and $120.4510, -34.2393, 15.3905$ is the 20% darker color. If you saturate the color by 10%, you get $168.9050, -42.8442, 22.0083$, and if you desaturate by 10%, it is $177.9330, -28.5610, 14.0908$.

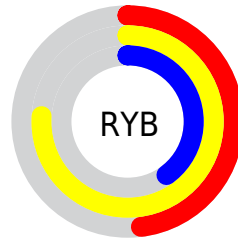
Distribution



Red (76%)

Green (69%)

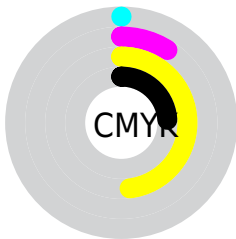
Blue (40%)



Red (48%)

Yellow (76%)

Blue (40%)

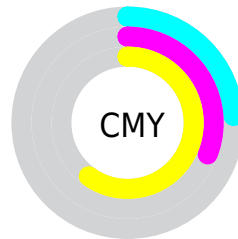


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4190, -35.7026, 18.0495 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 173.4190, -35.7026, 18.0495 by changing the saturation by 10% instead.

■ 173.4190,
-35.7026, 18.0495

■ 173.4190,
-35.7026, 18.0495

255.0000, 0.0000,
0.0000

■ 146.3480,
-34.6816, 17.2348

■ 228.9740,
-37.4552, 20.1938

■ 120.4510,
-34.2393, 15.3905

■ 246.5640,
-32.3231, 7.3984

■ 95.2660, -33.6551,
14.6757

■ 249.7560,
-20.0927, 4.5990

■ 70.3260, -34.6707,
13.7461

■ 252.9480, -7.8624,
1.7996

■ 49.9370, -24.6189,
9.7023

■ 30.1350, -14.8566,
5.1436

■ 6.7560, -3.3307,

-5.0480

■ 0.0000, 0.0000,
0.0000

■ 173.4190,
-35.7026, 18.0495

■ 173.4190,
-35.7026, 18.0495

■ 168.9050,
-42.8442, 22.0083

■ 177.9330,
-28.5610, 14.0908

■ 164.8640,
-50.7120, 25.5523

■ 181.9740,
-20.6932, 10.5468

■ 160.3500,
-57.8535, 29.5111

■ 186.4880,
-13.5516, 6.5880

■ 156.3090,
-65.7213, 33.0550

■ 190.5290, -5.6838,
3.0441

■ 151.7950,
-72.8629, 37.0138

■ 195.0430, 1.4578,
-0.9147

■ 151.3390,
-74.6101, 37.4137

■ 198.9700, 8.8888,
-4.3587

■ 203.5980, 16.4672,
-8.4174

■ 207.4110, 23.4614,
-11.7614

■ 209.7590, 22.3038,
-13.8206

Harmonies

Analogous

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



176.2680, -33.1631, 43.6150



173.4190, -35.7026, 18.0495



169.5120, -26.8744, -13.6040

Triad

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



173.4190, -35.7026, 18.0495



139.5450, 39.6643, -122.3810



181.7060, 12.9629, 42.3538

Complementary

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



173.4190, -35.7026, 18.0495



121.5810, 35.7026, -18.0495

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.



180.5090, 28.3431, 9.2006



173.4190, -35.7026, 18.0495



156.4000, 43.1868, -85.4198

Square

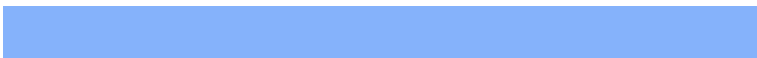
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.4190, -35.7026, 18.0495



150.2550, 16.1433, -91.4316



172.8670, 38.5196, -34.9634



179.9350, -4.4050, 59.6930

Rectangle

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



173.4190, -35.7026, 18.0495



164.9420, -15.7474, -35.9061



172.8670, 38.5196, -34.9634



182.0190, 18.2316, 32.4323

Sweetspot

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



173.4190, -35.7026, 18.0495



244.4880, -13.5516, 6.5880



130.7450, -6.2833, 55.4746



123.1440, -8.4520, 4.2587



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.



173.4190, -35.7026, 18.0495



220.0940, -56.2483, 27.9816



174.7270, -36.3474, -8.5306



94.6860, -3.7892, 2.0294



125.0360, -61.6427, 31.5404



25.7160, -12.6780, 6.3881

Inverse Universe

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



121.5810, 35.7026, -18.0495



138.4930, 55.9590, -28.4964



120.2730, 36.3474, 8.5306



89.3140, 3.7892, -2.0294



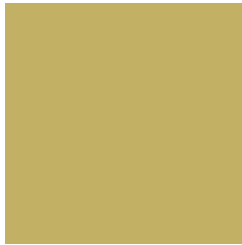
35.3770, 61.9321, -31.0256



7.2840, 12.6780, -6.3881

Previews

White Background



This preview shows how the YUV color 173.4190, -35.7026, 18.0495 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 173.4190, -35.7026, 18.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

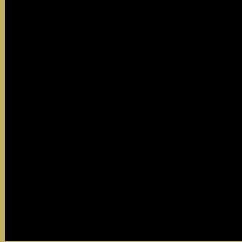
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4190, -35.7026, 18.0495

Background



This preview shows how black text looks on a background with the YUV color 173.4190, -35.7026, 18.0495.



This preview shows how white text looks on a background with the YUV color 173.4190, -35.7026, 18.0495.

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

173.4190, -35.7026, 18.0495

Protanopia

173.4190, -35.7026, 18.0495

Deuteranopia

175.2300, -35.6094, 34.8783



Tritanopia

179.6480, 0.6665, 19.6027

Trichromacy



Original Color

173.4190, -35.7026, 18.0495

Protanomaly

173.4190, -35.7026, 18.0495

Deuteranomaly

174.4850, -35.7351, 28.5157

Tritanomaly

177.2060, -12.4266, 19.1133

Monochromacy



Original Color

173.4190, -35.7026, 18.0495

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0150, -12.8254, 7.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4190, -35.7026, 18.0495 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(194, 177, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 177, 101)  
}
```

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(194, 177, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 177, 101) }
```

Border

The CSS property to change the border of an element to YUV 173.4190, -35.7026, 18.0495 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(194, 177, 101) }
```


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

```
.border{ border-color:rgb(194, 177, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 177, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 177, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 177, 101);  
box-shadow:4px 4px 4px 4px rgb(194, 177,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 173.4190, -35.7026, 18.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 177, 101) }
```

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

```
.background{ background-color: rgb(194,  
177, 101) }
```

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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