

Converting Colors

YUV(188.7720, -34.3976,
19.4940)

Have a look what the booklet for
YUV(188.7720, -34.3976, 19.4940)
contains.

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Color

**YUV(188.7720, -34.3976,
19.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BF77
RGB	211, 191, 119
RGB Percent	83%, 75%, 47%
CMY	0.1725, 0.2510, 0.5333
CMYK	0.00, 0.09, 0.44, 0.17
HSL	47°, 51%, 65%
HSV	47°, 44%, 83%
XYZ	48.8245, 52.4424, 25.0018
YIQ	188.7720, 35.0320, -18.1520

Conversions

Conversions Part 2

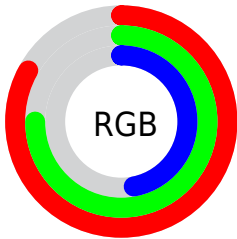
Format	Color
R_{YB}	145, 211, 119
Decimal	138771111
CIE _{Lab}	77.54, -2.77, 38.81
CIE _{LCh}	78, 38.911, 94.083
Yxy	52.4424, 0.3867, 0.4153
Android (android.graphics.Color)	4292067191 (0xFFD3BF77)
YUV	188.7720, -34.3976, 19.4940
Hunter-Lab	72.4171, -6.3830, 30.2223

Details

The YUV color $188.7720, -34.3976, 19.4940$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $141.2280, 34.3976, -19.4940$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.8420, -33.9391, 12.4166$, and $135.2170, -32.6450, 17.3497$ is the 20% darker color. If you saturate the color by 10%, you get $183.4430, -42.1234, 24.1675$, and if you desaturate by 10%, it is $194.1010, -26.6718, 14.8204$.

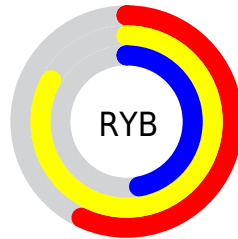
Distribution



Red (83%)

Green (75%)

Blue (47%)



Red (57%)

Yellow (83%)

Blue (47%)

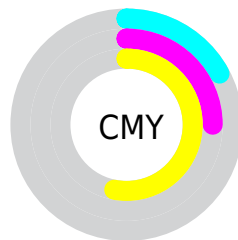


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (17%)



Cyan (17%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7720, -34.3976, 19.4940 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 188.7720, -34.3976, 19.4940 by changing the saturation by 10% instead.

■ 188.7720,
-34.3976, 19.4940

■ 188.7720,
-34.3976, 19.4940

255.0000, 0.0000,
0.0000

■ 161.7010,
-33.3766, 18.6792

■ 240.8420,
-33.9391, 12.4166

■ 135.2170,
-32.6450, 17.3497

■ 248.7300,
-24.0239, 5.4988

■ 109.1460,
-31.6240, 16.5350

■ 251.9220,
-11.7935, 2.6994

■ 84.1350, -31.6186,
14.7906

■ 60.8790, -30.0133,
13.2611

■ 40.4900, -19.9616,
9.2173

■ 21.5740, -10.6360,

4.7586

0.0000, 0.0000,
0.0000

188.7720,
-34.3976, 19.4940

188.7720,
-34.3976, 19.4940

183.4430,
-42.1234, 24.1675

194.1010,
-26.6718, 14.8204

178.7010,
-50.1386, 28.3262

198.8430,
-18.6566, 10.6617

173.3720,
-57.8644, 32.9998

204.1720,
-10.9308, 5.9882

168.6300,
-65.8796, 37.1585

208.9140, -2.9156,
1.8294

163.3010,
-73.6054, 41.8320

214.3570, 5.2470,
-2.9441

■ 159.9440,
-78.8524, 44.7761

■ 219.6860, 12.9728,
-7.6176

■ 223.0600, 15.7464,
-10.5766

■ 225.9950, 14.2995,
-13.1506

■ 228.3430, 13.1419,
-15.2098

Harmonies

Analogous

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



192.0230, -31.5633, 43.8298



188.7720, -34.3976, 19.4940



184.3490, -26.3011, -10.8301

Triad

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



188.7720, -34.3976, 19.4940



165.4510, 32.3157, -98.6195



196.7980, 13.4106, 38.7652

Complementary

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



188.7720, -34.3976, 19.4940



141.2280, 34.3976, -19.4940

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.



194.6720, 27.7697, 6.4267



188.7720, -34.3976, 19.4940



175.4290, 39.2285, -75.7982

Square

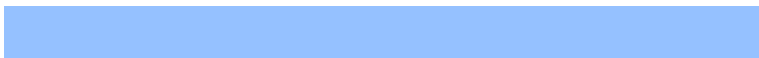
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.7720, -34.3976, 19.4940



170.9040, 11.8793, -77.0918



186.9120, 33.5674, -33.2488



193.9450, -2.9309, 53.5452

Rectangle

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



188.7720, -34.3976, 19.4940



180.8500, -16.1951, -32.3175



186.9120, 33.5674, -33.2488



196.4100, 18.5319, 29.4584

Sweetspot

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



188.7720, -34.3976, 19.4940



247.1290, -12.3886, 6.9029



148.9020, -4.3887, 54.4599



122.6710, -7.7258, 4.6735



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.



188.7720, -34.3976, 19.4940



222.8150, -49.7018, 28.2262



193.0370, -36.5002, -6.1714



101.9850, -3.9366, 2.6442



127.7160, -62.9640, 35.3291



31.0430, -15.3042, 8.7323

Inverse Universe

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



141.2280, 34.3976, -19.4940



154.1850, 49.7018, -28.2262



136.9630, 36.5002, 6.1714



96.4280, 4.2260, -2.1294



40.8710, 62.6746, -35.8439



9.9570, 15.3042, -8.7323

Previews

White Background



This preview shows how the YUV color 188.7720, -34.3976, 19.4940 looks on a white background.

Color Contrast Check

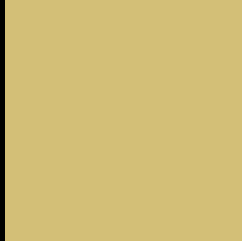
Large Text (above 18pt) WCAG AA × Fail

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 188.7720, -34.3976, 19.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

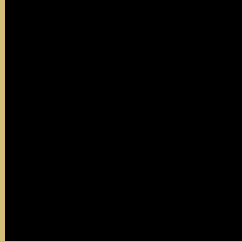
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.7720, -34.3976, 19.4940

Background



This preview shows how black text looks on a background with the YUV color 188.7720, -34.3976, 19.4940.

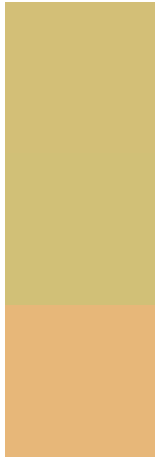


This preview shows how white text looks on a background with the YUV color 188.7720, -34.3976, 19.4940.

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

188.7720, -34.3976, 19.4940

Protanopia

188.7610, -34.3922, 17.7496

Deuteranopia

190.2840, -34.1570, 35.7079



Tritanopia

194.6590, 0.6611, 21.3471

Trichromacy



Original Color

188.7720, -34.3976, 19.4940

Protanomaly

189.0600, -34.5396, 18.3644

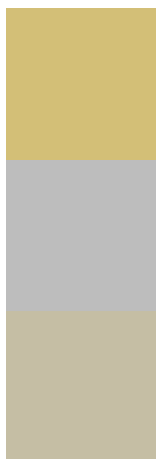
Deuteranomaly

189.8380, -34.4301, 29.9601

Tritanomaly

192.3310, -11.9952, 20.7577

Monochromacy



Original Color

188.7720, -34.3976, 19.4940

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1290, -12.3886, 6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7720, -34.3976, 19.4940 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, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 119)  
}
```

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, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 119) }
```

Border

The CSS property to change the border of an element to YUV 188.7720, -34.3976, 19.4940 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, 191, 119) }
```


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

```
.border{ border-color:rgb(211, 191, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 191, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 191, 119);  
box-shadow:4px 4px 4px 4px rgb(211, 191,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 188.7720, -34.3976, 19.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 119) }
```

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

```
.background{ background-color: rgb(211,  
191, 119) }
```

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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