

Converting Colors

YUV(180.6200, -30.3787,
37.1673)

Have a look what the booklet for
YUV(180.6200, -30.3787, 37.1673)
contains.

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Color

**YUV(180.6200, -30.3787,
37.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAB77
RGB	223, 171, 119
RGB Percent	87%, 67%, 47%
CMY	0.1255, 0.3294, 0.5333
CMYK	0.00, 0.23, 0.47, 0.13
HSL	30°, 62%, 67%
HSV	30°, 47%, 87%
XYZ	48.3241, 46.1457, 23.8128
YIQ	180.6200, 47.6840, -5.1480

Conversions

Conversions Part 2

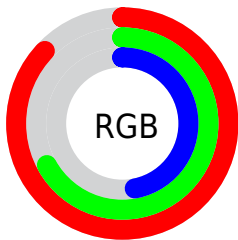
Format	Color
R_{YB}	223, 223, 119
Decimal	14658423
CIE _{Lab}	73.64, 12.69, 34.05
CIE _{LCh}	74, 36.340, 69.566
Yxy	46.1457, 0.4085, 0.3901
Android (android.graphics.Color)	4292848503 (0xFFDFAB77)
YUV	180.6200, -30.3787, 37.1673
Hunter-Lab	67.9306, 8.1017, 26.7676

Details

The YUV color **180.6200, -30.3787, 37.1673** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **161.3800, 30.3787, -37.1673**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5150, -27.8619, 23.2273**, and **127.1680, -28.1838, 33.1787** is the 20% darker color. If you saturate the color by 10%, you get **171.6550, -36.8049, 45.0296**, and if you desaturate by 10%, it is **189.5850, -23.9524, 29.3050**.

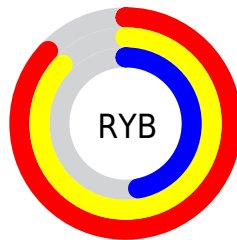
Distribution



Red (87%)

Green (67%)

Blue (47%)



Red (87%)

Yellow (87%)

Blue (47%)

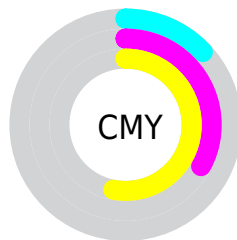


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6200, -30.3787, 37.1673 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 180.6200, -30.3787, 37.1673 by changing the saturation by 10% instead.

■ 180.6200,
-30.3787, 37.1673

■ 180.6200,
-30.3787, 37.1673

255.0000, 0.0000,
0.0000

■ 153.2500,
-29.2102, 35.7377

■ 228.5150,
-27.8619, 23.2273

■ 127.1680,
-28.1838, 33.1787

■ 248.6160,
-24.4607, 5.5988

■ 101.6840,
-27.4522, 31.8491

■ 251.9220,
-11.7935, 2.6994

■ 76.6020, -26.4258,
29.2900

■ 53.2920, -26.2730,
26.9309

■ 33.1910, -16.3632,
21.7575

■ 11.9270, -5.8800,

19.3580

■ 0.0000, 0.0000,
0.0000

■ 180.6200,
-30.3787, 37.1673

■ 180.6200,
-30.3787, 37.1673

■ 171.6550,
-36.8049, 45.0296

■ 189.5850,
-23.9524, 29.3050

■ 162.5760,
-43.6680, 52.9918

■ 198.6640,
-17.0894, 21.3427

■ 153.6110,
-50.0942, 60.8542

■ 207.6290,
-10.6631, 13.4804

■ 144.0590,
-56.2311, 69.2313

■ 217.1810, -4.5262,
5.1033

■ 134.9800,
-63.0941, 77.1935

■ 226.2600, 2.3368,
-2.8590

■ 131.8340,
-64.9942, 79.9526

■ 235.2250, 8.7631,
-10.7213

■ 241.9100, 6.4534,
-16.5841

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



182.8250, -21.1127, 51.8965



180.6200, -30.3787, 37.1673



177.6510, -30.8869, 13.4611

Triad

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



180.6200, -30.3787, 37.1673



161.0120, 14.7841, -75.4325



184.5650, 23.3855, 12.6595

Complementary

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



180.6200, -30.3787, 37.1673



161.3800, 30.3787, -37.1673

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.



179.4400, 32.8141, -24.9419



180.6200, -30.3787, 37.1673



158.5880, 31.2621, -87.3387

Square

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



180.6200, -30.3787, 37.1673



168.2210, -5.5320, -45.7978



169.1210, 36.4223, -62.3731



186.0710, 9.3320, 40.2797

Rectangle

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



180.6200, -30.3787, 37.1673



175.3820, -26.3173, -5.5970



169.1210, 36.4223, -62.3731



183.2260, 27.4966, 0.6788

Sweetspot

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



180.6200, -30.3787, 37.1673



240.3300, -10.5157, 12.8656



156.0240, 7.3832, 58.7380



119.0350, -6.4263, 7.8623



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.



180.6200, -30.3787, 37.1673



197.0210, -41.9154, 50.8476



209.9700, -44.8482, 11.4273



107.8110, -3.3578, 3.6738



104.2800, -51.4100, 62.8984



28.4400, -14.0209, 17.1541

Inverse Universe

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



161.3800, 30.3787, -37.1673



170.5660, 41.6260, -51.3624



130.8560, 45.4270, -10.3977



105.7760, 3.0684, -4.1886



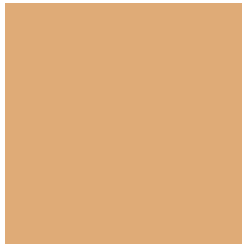
71.7200, 51.4100, -62.8984



19.5600, 14.0209, -17.1541

Previews

White Background



This preview shows how the YUV color 180.6200, -30.3787, 37.1673 looks on a white background.

Color Contrast Check

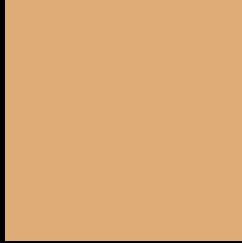
Large Text (above 18pt) WCAG AA × Fail

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 180.6200, -30.3787, 37.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

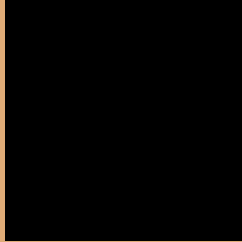
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6200, -30.3787, 37.1673

Background



This preview shows how black text looks on a background with the YUV color 180.6200, -30.3787, 37.1673.



This preview shows how white text looks on a background with the YUV color 180.6200, -30.3787, 37.1673.

37.1673.

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

180.6200, -30.3787, 37.1673

Protanopia

178.8730, -27.5454, 15.0204

Deuteranopia

180.2990, -30.2204, 33.0638



Tritanopia

184.5040, -4.1925, 38.1460

Trichromacy



Original Color

180.6200, -30.3787, 37.1673

Protanomaly

179.4010, -28.2987, 23.3273

Deuteranomaly

180.3100, -30.2258, 34.8081

Tritanomaly

183.2730, -13.9386, 37.4716

Monochromacy



Original Color

180.6200, -30.3787, 37.1673

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.5150, -11.0999, 13.5803

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6200, -30.3787, 37.1673 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(223, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 171, 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(223, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 171, 119) }
```

Border

The CSS property to change the border of an element to YUV 180.6200, -30.3787, 37.1673 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(223, 171, 119) }
```


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

```
.border{ border-color:rgb(223, 171, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 171,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 180.6200, -30.3787, 37.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 171, 119) }
```

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

```
.background{ background-color: rgb(223,  
171, 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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