

Converting Colors

YUV(180.0330, -30.0893,
37.6821)

Have a look what the booklet for
YUV(180.0330, -30.0893, 37.6821)
contains.

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Color

**YUV(180.0330, -30.0893,
37.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAA77
RGB	223, 170, 119
RGB Percent	87%, 67%, 47%
CMY	0.1255, 0.3333, 0.5333
CMYK	0.00, 0.24, 0.47, 0.13
HSL	29°, 62%, 67%
HSV	29°, 47%, 87%
XYZ	48.1359, 45.7693, 23.7501
YIQ	180.0330, 47.9590, -4.6250

Conversions

Conversions Part 2

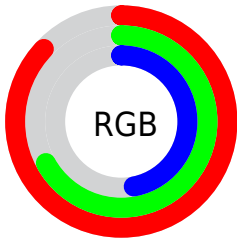
Format	Color
R _{YB}	223, 219, 119
Decimal	14658167
CIE Lab	73.40, 13.22, 33.74
CIE LCh	73, 36.236, 68.600
Yxy	45.7693, 0.4091, 0.3890
Android (android.graphics.Color)	4292848247 (0xFFDFAA77)
YUV	180.0330, -30.0893, 37.6821
Hunter-Lab	67.6530, 8.6120, 26.5429

Details

The YUV color **180.0330, -30.0893, 37.6821** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **161.9670, 30.0893, -37.6821**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9280, -27.5725, 23.7421**, and **126.5810, -27.8944, 33.6935** is the 20% darker color. If you saturate the color by 10%, you get **171.0680, -36.5155, 45.5444**, and if you desaturate by 10%, it is **188.9980, -23.6630, 29.8198**.

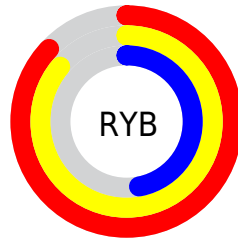
Distribution



Red (87%)

Green (67%)

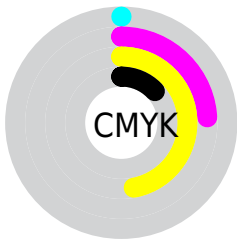
Blue (47%)



Red (87%)

Yellow (86%)

Blue (47%)

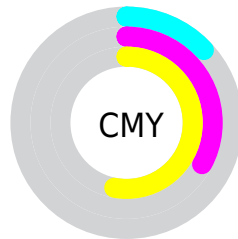


Cyan (0%)

Magenta (24%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.0330, -30.0893, 37.6821 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 180.0330, -30.0893, 37.6821 by changing the saturation by 10% instead.

■ 180.0330,
-30.0893, 37.6821

■ 180.0330,
-30.0893, 37.6821

■ 255.0000, 0.0000,
0.0000

■ 153.2500,
-29.2102, 35.7377

■ 227.9280,
-27.5725, 23.7421

■ 126.5810,
-27.8944, 33.6935

■ 248.0290,
-24.1713, 6.1136

■ 101.0970,
-27.1628, 32.3639

■ 251.9220,
-11.7935, 2.6994

■ 76.6020, -26.4258,
29.2900

■ 52.7050, -25.9836,
27.4457

■ 32.6040, -16.0738,
22.2723

■ 11.3400, -5.5906,

19.8728

■ 0.0000, 0.0000,
0.0000

■ 180.0330,
-30.0893, 37.6821

■ 180.0330,
-30.0893, 37.6821

■ 171.0680,
-36.5155, 45.5444

■ 188.9980,
-23.6630, 29.8198

■ 161.4020,
-43.0892, 54.0214

■ 198.6640,
-17.0894, 21.3427

■ 152.4370,
-49.5154, 61.8838

■ 207.6290,
-10.6631, 13.4804

■ 143.4720,
-55.9417, 69.7461

■ 216.5940, -4.2368,
5.6181

■ 133.8060,
-62.5154, 78.2231

■ 226.2600, 2.3368,
-2.8590

■ 130.6600,
-64.4154, 80.9822

■ 235.2250, 8.7631,
-10.7213

■ 242.4970, 6.1640,
-17.0989

■ 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.



182.2380, -20.8233, 52.4113



180.0330, -30.0893, 37.6821



176.9500, -31.0344, 14.0758

Triad

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



180.0330, -30.0893, 37.6821



160.4960, 14.0525, -74.1030



183.9670, 23.6803, 11.4299

Complementary

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



180.0330, -30.0893, 37.6821



161.9670, 30.0893, -37.6821

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.



178.2550, 33.3983, -25.6566



180.0330, -30.0893, 37.6821



157.5880, 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.



180.0330, -30.0893, 37.6821



167.7050, -6.2636, -44.4683



167.7080, 36.1330, -62.8879



184.8860, 9.9162, 39.5650

Rectangle

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



180.0330, -30.0893, 37.6821



174.9800, -26.6121, -4.3675



167.7080, 36.1330, -62.8879



182.6280, 27.7914, -0.5508

Sweetspot

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



180.0330, -30.0893, 37.6821



240.3300, -10.5157, 12.8656



156.2520, 8.2568, 58.5380



118.4480, -6.1369, 8.3771



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.



180.0330, -30.0893, 37.6821



195.8470, -41.3366, 51.8772



209.9700, -44.8482, 11.4273



107.2240, -3.0684, 4.1886



103.1060, -50.8313, 63.9280



28.4400, -14.0209, 17.1541

Inverse Universe

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



161.9670, 30.0893, -37.6821



171.1530, 41.3366, -51.8772



132.0300, 44.8482, -11.4273



105.7760, 3.0684, -4.1886



72.8940, 50.8313, -63.9280



20.1470, 13.7315, -17.6689

Previews

White Background



This preview shows how the YUV color 180.0330, -30.0893, 37.6821 looks on a white background.

Color Contrast Check

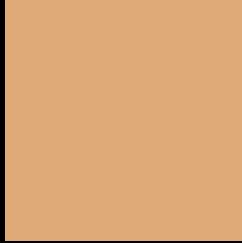
Large Text (above 18pt) WCAG AA × Fail

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 180.0330, -30.0893, 37.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

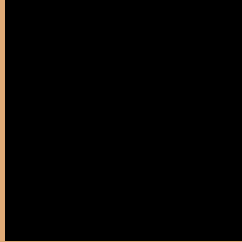
Any Text WCAG AA ✓ Pass

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 180.0330, -30.0893, 37.6821 Background



This preview shows how black text looks on a background with the YUV color 180.0330, -30.0893, 37.6821.



This preview shows how white text looks on a background with the YUV color 180.0330, -30.0893,

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

180.0330, -30.0893, 37.6821

Protanopia

177.9870, -27.1086, 14.9204

Deuteranopia

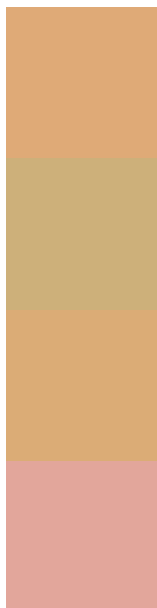
179.8860, -30.5098, 32.5490



Tritanopia

183.8030, -4.3399, 38.7608

Trichromacy



Original Color

180.0330, -30.0893, 37.6821

Protanomaly

178.5150, -27.8619, 23.2273

Deuteranomaly

179.8970, -30.5152, 34.2933

Tritanomaly

182.6860, -13.6492, 37.9864

Monochromacy



Original Color

180.0330, -30.0893, 37.6821

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9280, -10.8105, 14.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.0330, -30.0893, 37.6821 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, 170, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 170, 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, 170, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 170, 119) }
```

Border

The CSS property to change the border of an element to YUV 180.0330, -30.0893, 37.6821 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, 170, 119) }
```


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

```
.border{ border-color:rgb(223, 170, 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, 170, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 170, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 170, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 170,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 180.0330, -30.0893, 37.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 170, 119) }
```

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

```
.background{ background-color: rgb(223,  
170, 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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