

Converting Colors

YUV(180.6750, -13.6438,
36.2420)

Have a look what the booklet for
YUV(180.6750, -13.6438, 36.2420)
contains.

YUV(180.6750, -13.6438, 36.2420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.6750, -13.6438,
36.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA599
RGB	222, 165, 153
RGB Percent	87%, 65%, 60%
CMY	0.1294, 0.3529, 0.4000
CMYK	0.00, 0.26, 0.31, 0.13
HSL	10°, 51%, 74%
HSV	10°, 31%, 87%
XYZ	49.3291, 44.7398, 36.1727
YIQ	180.6750, 37.8240, 8.3520

Conversions

Conversions Part 2

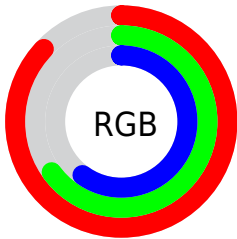
Format	Color
R _Y B	222, 168, 153
Decimal	14591385
CIE Lab	72.72, 19.40, 14.45
CIE LCh	73, 24.189, 36.679
Yxy	44.7398, 0.3788, 0.3435
Android (android.graphics.Color)	4292781465 (0xFFDEA599)
YUV	180.6750, -13.6438, 36.2420
Hunter-Lab	66.8878, 14.5884, 14.7576

Details

The YUV color **180.6750, -13.6438, 36.2420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.3250, 13.6438, -36.2420**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9830, -10.8376, 22.8169**, and **127.2940, -12.4699, 33.0682** is the 20% darker color. If you saturate the color by 10%, you get **167.6010, -18.0443, 47.7079**, and if you desaturate by 10%, it is **193.7490, -9.2433, 24.7761**.

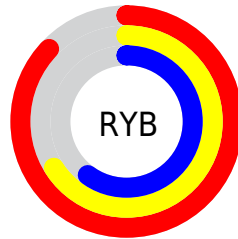
Distribution



Red (87%)

Green (65%)

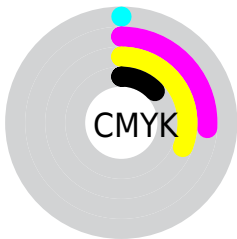
Blue (60%)



Red (87%)

Yellow (66%)

Blue (60%)

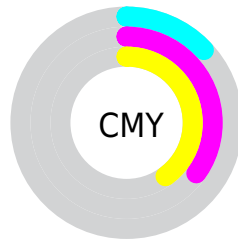


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6750, -13.6438, 36.2420 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 180.6750, -13.6438, 36.2420 by changing the saturation by 10% instead.

180.6750,
-13.6438, 36.2420

180.6750,
-13.6438, 36.2420

255.0000, 0.0000,
0.0000

153.7780,
-13.2016, 34.3977

228.9830,
-10.8376, 22.8169

127.2940,
-12.4699, 33.0682

249.3120, -6.5628,
4.9884

101.8100,
-11.7383, 31.7386

77.3260, -11.0067,
30.4091

54.2440, -9.9803,
27.8500

31.3470, -9.5381,
26.0057

11.6610, -5.7489,

23.9763

■ 0.0000, 0.0000,
0.0000

■ 180.6750,
-13.6438, 36.2420

■ 180.6750,
-13.6438, 36.2420

■ 167.6010,
-18.0443, 47.7079

■ 193.7490, -9.2433,
24.7761

■ 153.9400,
-22.1554, 59.6886

■ 207.4100, -5.1321,
12.7954

■ 140.7520,
-26.9927, 71.2545

■ 220.5980, -0.2948,
1.2296

■ 127.6780,
-31.3933, 82.7204

■ 233.6720, 4.1057,
-10.2363

■ 114.0170,
-35.5044, 94.7011

■ 245.1330, 4.8644,
-20.2876

■ 100.9430,
-39.9049, 106.1670

■ 89.2710, -44.0106,
116.4033

Harmonies

Analogous

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



181.6070, -3.7503, 36.3017



180.6750, -13.6438, 36.2420



178.8990, -20.1632, 27.2756

Triad

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



180.6750, -13.6438, 36.2420



171.0430, -5.4442, -27.2247



177.9220, 21.7305, -16.5946

Complementary

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



180.6750, -13.6438, 36.2420



194.3250, 13.6438, -36.2420

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.



172.3170, 22.5217, -37.1120



180.6750, -13.6438, 36.2420



169.1580, 6.8241, -42.2346

Square

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



180.6750, -13.6438, 36.2420



174.2320, -15.3974, -8.0965



169.1710, 17.1707, -47.5080



180.9850, 16.2764, 6.1522

Rectangle

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



180.6750, -13.6438, 36.2420



177.4910, -21.4411, 17.1094



169.1710, 17.1707, -47.5080



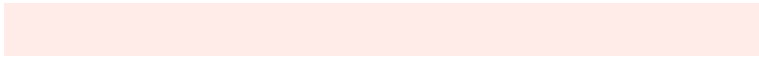
175.8070, 22.7731, -24.3867

Sweetspot

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



180.6750, -13.6438, 36.2420



241.2250, -4.5479, 12.0807



180.1290, 14.7264, 36.7209



119.2460, -3.0793, 7.6773



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.



180.6750, -13.6438, 36.2420



198.4980, -18.4865, 49.5523



200.6330, -23.4831, 18.7389



105.4630, -2.2003, 5.7329



70.8210, -34.9148, 92.2420



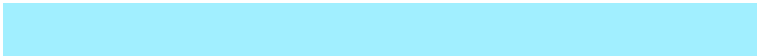
19.0480, -9.3907, 25.3909

Inverse Universe

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



194.3250, 13.6438, -36.2420



217.5020, 18.4865, -49.5523



174.3670, 23.4831, -18.7389



107.5370, 2.2003, -5.7329



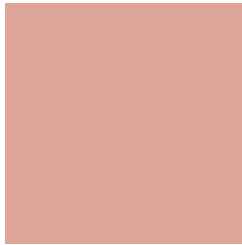
105.1790, 34.9148, -92.2420



28.9520, 9.3907, -25.3909

Previews

White Background



This preview shows how the YUV color 180.6750, -13.6438, 36.2420 looks on a white background.

Color Contrast Check

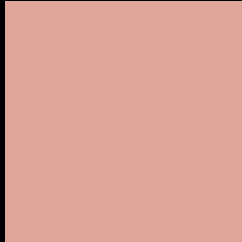
Large Text (above 18pt) WCAG AA × Fail

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 180.6750, -13.6438, 36.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

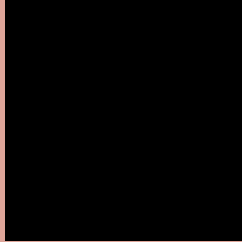
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6750, -13.6438, 36.2420

Background



This preview shows how black text looks on a background with the YUV color 180.6750, -13.6438, 36.2420.



This preview shows how white text looks on a background with the YUV color 180.6750, -13.6438,

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

180.6750, -13.6438, 36.2420

Protanopia

178.3400, -9.0416, 6.7178

Deuteranopia

179.8860, -13.7478, 22.9020



Tritanopia

181.9060, -3.8977, 36.9164

Trichromacy



Original Color

180.6750, -13.6438, 36.2420

Protanomaly

178.9500, -10.8213, 17.5839

Deuteranomaly

179.9190, -13.7641, 28.1350

Tritanomaly

181.2820, -7.5340, 36.5867

Monochromacy



Original Color

180.6750, -13.6438, 36.2420

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8230, -4.8427, 13.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6750, -13.6438, 36.2420 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(222, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 153)  
}
```

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(222, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 153) }
```

Border

The CSS property to change the border of an element to YUV 180.6750, -13.6438, 36.2420 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(222, 165, 153) }
```


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

```
.border{ border-color:rgb(222, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 180.6750, -13.6438, 36.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 153) }
```

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

```
.background{ background-color: rgb(222,  
165, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor