

Converting Colors

YUV(187.3680, -28.2824,
18.0943)

Have a look what the booklet for
YUV(187.3680, -28.2824, 18.0943)
contains.

YUV(187.3680, -28.2824, 18.0943)	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(187.3680, -28.2824,
18.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BC82
RGB	208, 188, 130
RGB Percent	82%, 74%, 51%
CMY	0.1843, 0.2627, 0.4902
CMYK	0.00, 0.10, 0.38, 0.18
HSL	45°, 45%, 66%
HSV	45°, 38%, 82%
XYZ	48.0249, 50.9880, 28.4296
YIQ	187.3680, 30.5380, -13.7980

Conversions

Conversions Part 2

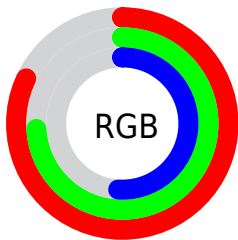
Format	Color
R _{YB}	157, 208, 130
Decimal	13679746
CIE Lab	76.67, -1.21, 31.95
CIE LCh	77, 31.971, 92.162
Yxy	50.9880, 0.3768, 0.4001
Android (android.graphics.Color)	4291869826 (0xFFD0BC82)
YUV	187.3680, -28.2824, 18.0943
Hunter-Lab	71.4059, -4.9080, 26.3784

Details

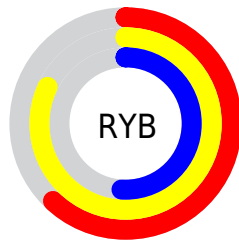
The YUV color $187.3680, -28.2824, 18.0943$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $150.6320, 28.2824, -18.0943$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3350, -28.2662, 12.8612$, and $133.8130, -26.5298, 15.9500$ is the 20% darker color. If you saturate the color by 10%, you get $182.0390, -36.0082, 22.7678$, and if you desaturate by 10%, it is $192.6970, -20.5566, 13.4207$.

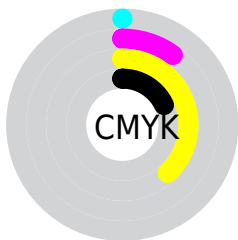
Distribution



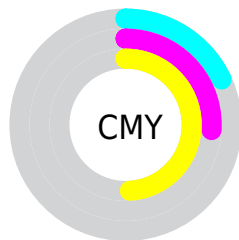
- Red (82%)
- Green (74%)
- Blue (51%)



- Red (62%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3680, -28.2824, 18.0943 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 187.3680, -28.2824, 18.0943 by changing the saturation by 10% instead.

■ 187.3680,
-28.2824, 18.0943

■ 187.3680,
-28.2824, 18.0943

255.0000, 0.0000,
0.0000

■ 160.1830,
-27.6982, 17.3795

■ 240.3350,
-28.2662, 12.8612

■ 133.8130,
-26.5298, 15.9500

■ 249.9840,
-19.2191, 4.3990

■ 108.6280,
-25.9456, 15.2352

■ 253.2900, -6.5520,
1.4997

■ 83.2580, -24.7772,
13.8057

■ 59.5460, -24.9192,
12.6762

■ 39.3160, -19.3828,
10.2469

■ 20.1010, -9.9098,

5.1734

■ 0.0000, 0.0000,
0.0000

■ 187.3680,
-28.2824, 18.0943

■ 187.3680,
-28.2824, 18.0943

■ 182.0390,
-36.0082, 22.7678

■ 192.6970,
-20.5566, 13.4207

■ 176.1230,
-43.4446, 27.9561

■ 198.6130,
-13.1202, 8.2324

■ 170.9080,
-50.7336, 32.5297

■ 203.8280, -5.8312,
3.6588

■ 165.5790,
-58.4594, 37.2032

■ 209.1570, 1.8946,
-1.0147

■ 159.6630,
-65.8959, 42.3915

■ 215.0730, 9.3310,
-6.2030

■ 154.3340,
-73.6217, 47.0651

■ 220.4020, 17.0568,
-10.8766

■ 153.1770,
-75.5163, 48.0798

■ 223.3370, 15.6099,
-13.4505

■ 226.8590, 13.8735,
-16.5393

■ 229.7940, 12.4266,
-19.1133

Harmonies

Analogous

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



189.8850, -25.5793, 37.8119



187.3680, -28.2824, 18.0943



183.9950, -22.6755, -7.0116

Triad

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



187.3680, -28.2824, 18.0943



173.8200, 22.7667, -69.1251



194.1730, 11.2537, 30.5433

Complementary

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



187.3680, -28.2824, 18.0943



150.6320, 28.2824, -18.0943

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.



192.0970, 23.1232, 3.4229



187.3680, -28.2824, 18.0943



178.6610, 30.7331, -57.5847

Square

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



187.3680, -28.2824, 18.0943



175.4720, 7.1623, -57.4189



186.4350, 30.3515, -28.4455



193.0150, -2.4724, 46.4678

Rectangle

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



187.3680, -28.2824, 18.0943



181.0620, -14.3276, -24.6104



186.4350, 30.3515, -28.4455



193.3830, 16.0802, 22.4661

Sweetspot

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



187.3680, -28.2824, 18.0943



247.6990, -10.2046, 6.4030



155.7160, -2.3250, 45.8531



123.1270, -5.9786, 4.2736



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.



187.3680, -28.2824, 18.0943



224.8670, -41.8394, 26.4266



193.7260, -31.4169, -3.2677



101.9850, -3.9366, 2.6442



123.6070, -60.9383, 38.9327



29.8690, -14.7254, 9.7619

Inverse Universe

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



150.6320, 28.2824, -18.0943



170.7200, 41.5500, -26.9414



144.2740, 31.4169, 3.2677



97.0150, 3.9366, -2.6442



44.3930, 60.9383, -38.9327



10.5440, 15.0148, -9.2471

Previews

White Background



This preview shows how the YUV color 187.3680, -28.2824, 18.0943 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 187.3680, -28.2824, 18.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

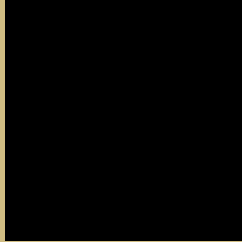
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3680, -28.2824, 18.0943

Background



This preview shows how black text looks on a background with the YUV color 187.3680, -28.2824, 18.0943.

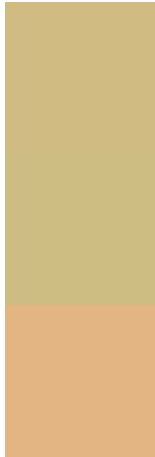


This preview shows how white text looks on a background with the YUV color 187.3680, -28.2824, 18.0943.

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

187.3680, -28.2824, 18.0943

Protanopia

187.0580, -28.1296, 15.7351

Deuteranopia

188.7550, -28.4732, 32.6639



Tritanopia

192.0610, 0.9559, 20.1175

Trichromacy



Original Color

187.3680, -28.2824, 18.0943

Protanomaly

187.3570, -28.2770, 16.3499

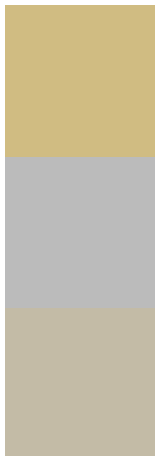
Deuteranomaly

188.4230, -28.3095, 26.8160

Tritanomaly

190.3030, -9.5164, 19.0283

Monochromacy



Original Color

187.3680, -28.2824, 18.0943

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3680, -28.2824, 18.0943 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(208, 188, 130)` looks like.

```
.text, #text, p{  
    color:rgb(208, 188, 130)  
}
```

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(208, 188, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 188, 130) }
```

Border

The CSS property to change the border of an element to YUV 187.3680, -28.2824, 18.0943 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(208, 188, 130) }
```


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

```
.border{ border-color:rgb(208, 188, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 188, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 188, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 188, 130);  
box-shadow:4px 4px 4px 4px rgb(208, 188,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 187.3680, -28.2824, 18.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 188, 130) }
```

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

```
.background{ background-color: rgb(208,  
188, 130) }
```

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