

Converting Colors

YUV(196.7530, -25.5142,
16.8796)

Have a look what the booklet for
YUV(196.7530, -25.5142, 16.8796)
contains.

YUV(196.7530, -25.5142, 16.8796)	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(196.7530, -25.5142,
16.8796)**

Conversions

Conversions Part 1	
Format	Color
Hex	D8C591
RGB	216, 197, 145
RGB Percent	85%, 77%, 57%
CMY	0.1529, 0.2275, 0.4314
CMYK	0.00, 0.09, 0.33, 0.15
HSL	44°, 48%, 71%
HSV	44°, 33%, 85%
XYZ	53.3960, 56.5758, 34.8940
YIQ	196.7530, 28.0160, -12.1440

Conversions

Conversions Part 2

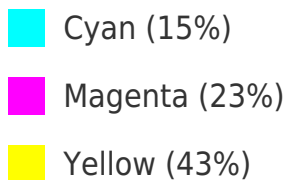
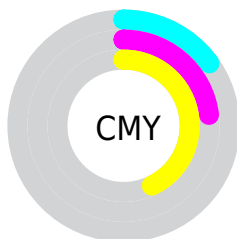
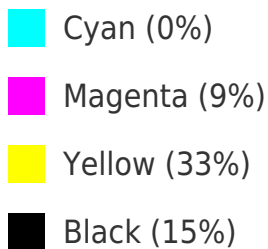
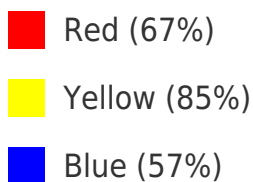
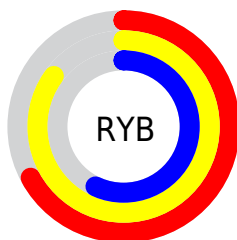
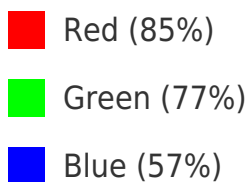
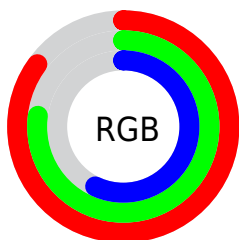
Format	Color
RYB	171, 216, 145
Decimal	14206353
CIELab	79.94, -0.97, 28.55
CIELCh	80, 28.566, 91.946
Yxy	56.5758, 0.3686, 0.3905
Android (android.graphics.Color)	4292396433 (0xFFD8C591)
YUV	196.7530, -25.5142, 16.8796
Hunter-Lab	75.2169, -4.9135, 25.1465

Details

The YUV color **196.7530, -25.5142, 16.8796** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164.2470, 25.5142, -16.8796**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.0290, -24.1713, 6.1136**, and **142.4970, -23.9090, 15.3501** is the 20% darker color. If you saturate the color by 10%, you get **190.7230, -33.3874, 22.1679**, and if you desaturate by 10%, it is **202.7830, -17.6410, 11.5913**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 196.7530, -25.5142, 16.8796 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 196.7530, -25.5142, 16.8796 by changing the saturation by 10% instead.


 196.7530,
-25.5142, 16.8796


 196.7530,
-25.5142, 16.8796


255.0000, 0.0000,
0.0000


 169.5680,
-24.9300, 16.1649


 248.0290,
-24.1713, 6.1136


 142.4970,
-23.9090, 15.3501

 251.8080,
-12.2303, 2.7994

 117.0130,
-23.1774, 14.0206


 91.9420, -22.1564,
13.2059


 68.3440, -21.8616,
11.9763


 45.5180, -22.4404,
10.9467


 26.0150, -12.8254,


7.0028

 0.0000, 0.0000,
0.0000

 196.7530,
-25.5142, 16.8796

 196.7530,
-25.5142, 16.8796


 190.7230,
-33.3874, 22.1679

 202.7830,
-17.6410, 11.5913


 184.8070,
-40.8239, 27.3563


 208.6990,
-10.2046, 6.4030


 179.3640,
-48.9865, 32.1298

 214.1420, -2.0420,
1.6295

 173.4480,
-56.4229, 37.3181

 220.0580, 5.3944,
-3.5589

 167.4180,
-64.2961, 42.6064

 226.0880, 13.2676,
-8.8472

161.3880,
-72.1693, 47.8947

229.8380, 12.4049,
-12.1359

157.3300,
-77.5637, 51.4536

232.7730, 10.9579,
-14.7099

236.2950, 9.2216,
-17.7987

239.8170, 7.4852,
-20.8875

Harmonies

Analogous

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



199.1450, -23.2425, 34.9528



196.7530, -25.5142, 16.8796



193.5760, -20.4970, -5.7672

Triad

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



196.7530, -25.5142, 16.8796



185.6750, 19.3872, -58.4740



202.9230, 10.3910, 27.2545

Complementary

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



196.7530, -25.5142, 16.8796



164.2470, 25.5142, -16.8796

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.



201.1140, 20.6498, 3.4080



196.7530, -25.5142, 16.8796



189.9780, 26.6328, -49.0927

Square

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



196.7530, -25.5142, 16.8796



186.5870, 6.1196, -49.6268



196.2460, 26.9937, -24.7717



202.2810, -2.6035, 41.8496

Rectangle

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



196.7530, -25.5142, 16.8796



191.4260, -13.0280, -21.4216



196.2460, 26.9937, -24.7717



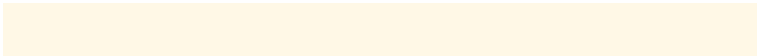
202.5030, 14.0490, 20.6069

Sweetspot

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



196.7530, -25.5142, 16.8796



248.0410, -8.8942, 6.1030



168.5090, -1.7299, 41.6496



123.2410, -5.5418, 4.1736



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.



196.7530, -25.5142, 16.8796



227.8650, -35.4294, 23.7974



203.4210, -28.8016, -2.1232



103.9850, -3.9366, 2.6442



124.5040, -61.3805, 40.7770



31.6410, -15.5990, 9.9618

Inverse Universe

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



164.2470, 25.5142, -16.8796



182.5480, 35.7188, -23.2826



157.5790, 28.8016, 2.1232



99.0150, 3.9366, -2.6442



46.4960, 61.3805, -40.7770



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 196.7530, -25.5142, 16.8796 looks on a white background.

Color Contrast Check

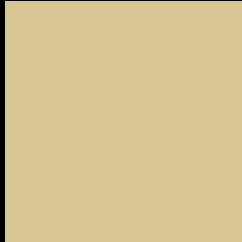
Large Text (above 18pt) WCAG AA × Fail

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 196.7530, -25.5142, 16.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

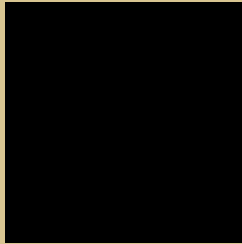
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.7530, -25.5142, 16.8796

Background



This preview shows how black text looks on a background with the YUV color 196.7530, -25.5142, 16.8796.

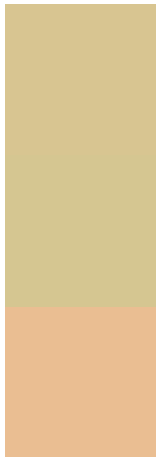


This preview shows how white text looks on a background with the YUV color 196.7530, -25.5142,

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

196.7530, -25.5142, 16.8796

Protanopia

196.4430, -25.3614, 14.5205

Deuteranopia

198.1400, -25.7050, 31.4492



Tritanopia

200.8760, 1.5401, 19.4027

Trichromacy



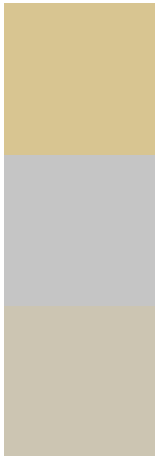
Original Color
196.7530, -25.5142, 16.8796

Protanomaly
196.7420, -25.5088, 15.1353

Deuteranomaly
197.8080, -25.5413, 25.6014

Tritanomaly
199.3460, -8.0586, 18.1136

Monochromacy



Original Color
196.7530, -25.5142, 16.8796

Achromatopsia
197.0000, 0.0000, 0.0000

Achromatomaly
196.9270, -9.3310, 6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7530, -25.5142, 16.8796 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(216, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 145)  
}
```

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(216, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 145) }
```

Border

The CSS property to change the border of an element to YUV 196.7530, -25.5142, 16.8796 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(216, 197, 145) }
```


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

```
.border{ border-color:rgb(216, 197, 145) }
```

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

Here you see how a box with a 4 pixel rgb(216, 197, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 145);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 196.7530, -25.5142, 16.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 145) }
```

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

```
.background{ background-color: rgb(216,  
197, 145) }
```

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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