

Converting Colors

YUV(200.1660, -28.6758,
4.2394)

Have a look what the booklet for
YUV(200.1660, -28.6758, 4.2394)
contains.

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Color

**YUV(200.1660, -28.6758,
4.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD18E
RGB	205, 209, 142
RGB Percent	80%, 82%, 56%
CMY	0.1961, 0.1804, 0.4431
CMYK	0.02, 0.00, 0.32, 0.18
HSL	64°, 42%, 69%
HSV	64°, 32%, 82%
XYZ	52.8598, 60.5331, 34.4892
YIQ	200.1660, 19.1230, -21.6850

Conversions

Conversions Part 2

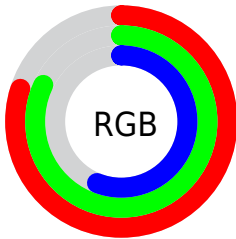
Format	Color
RYB	142, 209, 146
Decimal	13488526
CIELab	82.13, -11.78, 32.85
CIELCh	82, 34.899, 109.729
Yxy	60.5331, 0.3574, 0.4093
Android (android.graphics.Color)	4291678606 (0xFFCDD18E)
YUV	200.1660, -28.6758, 4.2394
Hunter-Lab	77.8030, -14.8813, 28.1795

Details

The YUV color $200.1660, -28.6758, 4.2394$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $150.8340, 28.6758, -4.2394$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.2740, -25.7711, 5.8987$, and $146.2090, -27.2180, 3.3247$ is the 20% darker color. If you saturate the color by 10%, you get $197.4730, -37.7012, 5.7242$, and if you desaturate by 10%, it is $202.8590, -19.6505, 2.7547$.

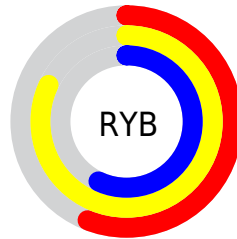
Distribution



Red (80%)

Green (82%)

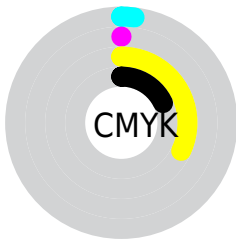
Blue (56%)



Red (56%)

Yellow (82%)

Blue (57%)

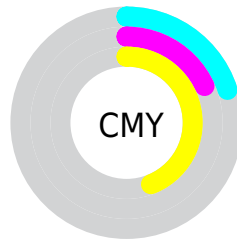


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1660, -28.6758, 4.2394 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 200.1660, -28.6758, 4.2394 by changing the saturation by 10% instead.

■ 200.1660,
-28.6758, 4.2394

■ 200.1660,
-28.6758, 4.2394

■ 255.0000, 0.0000,
0.0000

■ 172.3940,
-27.8022, 4.0395

■ 248.2740,
-25.7711, 5.8987

■ 146.2090,
-27.2180, 3.3247

■ 251.4660,
-13.5407, 3.0993

■ 120.0240,
-26.6338, 2.6100

■ 254.7720, -0.8736,
0.2000

■ 95.2520, -25.7602,
2.4100

■ 70.9530, -25.6128,
1.7952

■ 48.1100, -23.7182,
0.7805

■ 28.3190, -13.9613,

-2.0338

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 200.1660,
-28.6758, 4.2394

■ 200.1660,
-28.6758, 4.2394

■ 197.4730,
-37.7012, 5.7242

■ 202.8590,
-19.6505, 2.7547

■ 194.7800,
-46.7265, 7.2089

■ 205.5520,
-10.6251, 1.2699

■ 191.7880,
-55.6045, 8.0789

■ 208.5440, -1.7472,
0.3999

■ 189.0950,
-64.6298, 9.5637

■ 211.2370, 7.2782,
-1.0848

■ 186.4020,
-73.6552, 11.0484

■ 213.9300, 16.3035,
-2.5696

■ 183.8230,
-82.2437, 12.4332

■ 215.1410, 19.6505,
-2.7547

■ 181.5860,
-89.5219, 13.5181

■ 215.7390, 19.3557,
-1.5251

■ 216.0380, 19.2083,
-0.9103

■ 216.3370, 19.0609,
-0.2955

Harmonies

Analogous

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



203.3480, -31.2306, 30.3898



200.1660, -28.6758, 4.2394



195.9650, -17.2377, -24.5253

Triad

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



200.1660, -28.6758, 4.2394



188.7900, 31.6555, -73.4838



207.2300, 4.8166, 41.8943

Complementary

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



200.1660, -28.6758, 4.2394



150.8340, 28.6758, -4.2394

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.



208.7790, 18.8430, 22.9958



200.1660, -28.6758, 4.2394



195.9830, 29.0954, -45.5891

Square

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



200.1660, -28.6758, 4.2394



186.1630, 19.1466, -74.6880



204.1770, 25.0557, -9.8022



203.4680, -9.5977, 45.1936

Rectangle

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



200.1660, -28.6758, 4.2394



192.8190, -5.8268, -44.5683



204.1770, 25.0557, -9.8022



209.6580, 9.0426, 39.7649

Sweetspot

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



200.1660, -28.6758, 4.2394



251.5520, -10.6251, 1.2699



163.7940, -10.7444, 39.6457



125.8770, -6.8414, 0.9849



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.



200.1660, -28.6758, 4.2394



242.1480, -41.4850, 6.0092



190.2990, -23.8114, -16.0482



103.4470, -4.6574, 0.4850



145.8580, -71.9080, 10.6485



35.4290, -17.4665, 2.2548

Inverse Universe

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



150.8340, 28.6758, -4.2394



170.8520, 41.4850, -6.0092



160.7010, 23.8114, 16.0482



95.5530, 4.6574, -0.4850



22.1420, 71.9080, -10.6485



5.2720, 17.6139, -2.8695

Previews

White Background



This preview shows how the YUV color 200.1660, -28.6758, 4.2394 looks on a white background.

Color Contrast Check

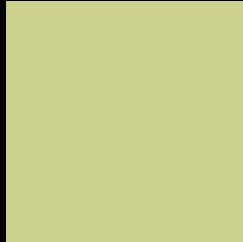
Large Text (above 18pt) WCAG AA × Fail

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 200.1660, -28.6758, 4.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

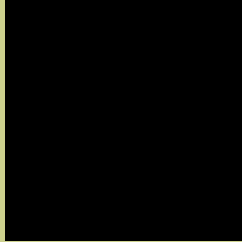
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.1660, -28.6758, 4.2394

Background



This preview shows how black text looks on a background with the YUV color 200.1660, -28.6758, 4.2394.



This preview shows how white text looks on a background with the YUV color 200.1660, -28.6758,

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

200.1660, -28.6758, 4.2394

Protanopia

201.7870, -30.4610, 16.8498

Deuteranopia

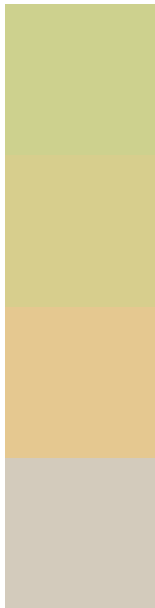
203.6520, -28.9154, 34.5082



Tritanopia

205.8960, 4.4883, 7.1072

Trichromacy



Original Color

200.1660, -28.6758, 4.2394

Protanomaly

201.2810, -29.7185, 12.0316

Deuteranomaly

202.2870, -28.7355, 23.4273

Tritanomaly

203.6820, -7.7312, 6.4179

Monochromacy



Original Color

200.1660, -28.6758, 4.2394

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9650, -10.3357, 1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1660, -28.6758, 4.2394 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(205, 209, 142)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 142)  
}
```

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(205, 209, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 142) }
```

Border

The CSS property to change the border of an element to YUV 200.1660, -28.6758, 4.2394 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(205, 209, 142) }
```


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

```
.border{ border-color:rgb(205, 209, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 142);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 200.1660, -28.6758, 4.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 142) }
```

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

```
.background{ background-color: rgb(205,  
209, 142) }
```

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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