

Converting Colors

YUV(205.8640, -17.1880,
6.2583)

Have a look what the booklet for
YUV(205.8640, -17.1880, 6.2583)
contains.

YUV(205.8640, -17.1880, 6.2583)	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(205.8640, -17.1880,
6.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D1AB
RGB	213, 209, 171
RGB Percent	84%, 82%, 67%
CMY	0.1647, 0.1804, 0.3294
CMYK	0.00, 0.02, 0.20, 0.16
HSL	54°, 33%, 75%
HSV	54°, 20%, 84%
XYZ	57.5917, 62.6873, 47.5925
YIQ	205.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

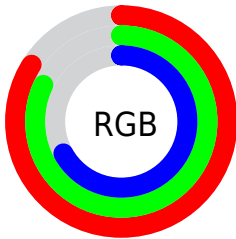
Format	Color
RYB	175, 213, 171
Decimal	14012843
CIELab	83.28, -4.82, 19.39
CIELCh	83, 19.976, 103.963
Yxy	62.6873, 0.3431, 0.3734
Android (android.graphics.Color)	4292202923 (0xFFD5D1AB)
YUV	205.8640, -17.1880, 6.2583
Hunter-Lab	79.1753, -8.7169, 19.7833

Details

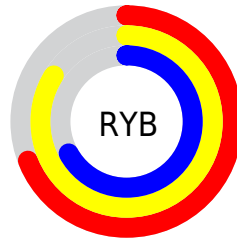
The YUV color $205.8640, -17.1880, 6.2583$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.1360, 17.1880, -6.2583$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $151.7930, -16.1669, 5.4435$ is the 20% darker color. If you saturate the color by 10%, you get $202.2960, -25.7819, 9.3874$, and if you desaturate by 10%, it is $209.4320, -8.5940, 3.1291$.

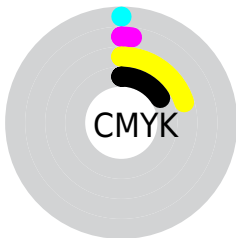
Distribution



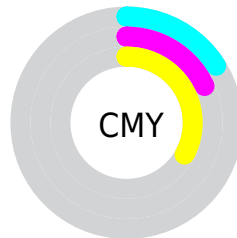
- Red (84%)
- Green (82%)
- Blue (67%)



- Red (69%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8640, -17.1880, 6.2583 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 205.8640, -17.1880, 6.2583 by changing the saturation by 10% instead.

■ 205.8640,
-17.1880, 6.2583

■ 205.8640,
-17.1880, 6.2583

255.0000, 0.0000,
0.0000

■ 177.9780,
-16.7512, 6.1583

■ 251.6940,
-12.6671, 2.8994

■ 151.7930,
-16.1669, 5.4435

■ 125.9070,
-15.7302, 5.3436

■ 100.7220,
-15.1459, 4.6288

■ 76.8360, -14.7091,
4.5288

■ 53.7650, -13.6881,
3.7141

■ 31.6080, -15.5827,

4.7288

■ 10.5990, -5.2253,
-4.0333

■ 0.0000, 0.0000,
0.0000

■ 205.8640,
-17.1880, 6.2583

■ 205.8640,
-17.1880, 6.2583

■ 202.2960,
-25.7819, 9.3874

■ 209.4320, -8.5940,
3.1291

■ 198.6140,
-34.8127, 12.6165

■ 213.1140, 0.4368,
-0.1000

■ 195.0460,
-43.4067, 15.7457

■ 216.6820, 9.0308,
-3.2291

■ 191.4780,
-52.0007, 18.8748

■ 220.1360, 17.1880,
-6.2583

■ 187.7960,
-61.0314, 22.1039

■ 221.3100, 16.6092,
-7.2879

■ 184.2280,
-69.6254, 25.2330

■ 222.4840, 16.0304,
-8.3175

■ 180.6600,
-78.2194, 28.3622

■ 223.6580, 15.4516,
-9.3471

■ 177.0920,
-86.8134, 31.4913

■ 224.8320, 14.8728,
-10.3767

■ 176.9780,
-87.2502, 31.5913

■ 226.0060, 14.2940,
-11.4063

Harmonies

Analogous

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



208.1370, -17.8155, 20.9279



205.8640, -17.1880, 6.2583



203.2470, -11.4608, -10.7406

Triad

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



205.8640, -17.1880, 6.2583



201.7810, 15.3910, -36.6419



210.7780, 3.5604, 24.7507

Complementary

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



205.8640, -17.1880, 6.2583



178.1360, 17.1880, -6.2583

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.



210.5680, 12.0450, 10.0259



205.8640, -17.1880, 6.2583



204.1720, 19.1422, -26.4608

Square

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



205.8640, -17.1880, 6.2583



200.1310, 7.8234, -36.0719



207.9400, 17.7776, -8.7174



210.4170, -5.6286, 32.0833

Rectangle

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



205.8640, -17.1880, 6.2583



202.2610, -6.0447, -21.2769



207.9400, 17.7776, -8.7174



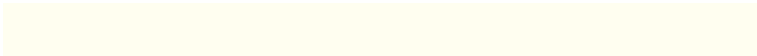
211.1410, 6.3395, 20.0473

Sweetspot

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



205.8640, -17.1880, 6.2583



252.7030, -6.2626, 2.0145



184.0140, -4.4439, 25.4207



126.3870, -3.6418, 1.4146



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.



205.8640, -17.1880, 6.2583



244.5240, -24.9083, 9.1875



203.1290, -15.8396, -6.2521



105.1590, -4.5154, 1.6146



142.1140, -70.0622, 25.3330



35.7500, -17.6247, 6.3582

Inverse Universe

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



178.1360, 17.1880, -6.2583



204.4760, 24.9083, -9.1875



180.8710, 15.8396, 6.2521



97.8410, 4.5154, -1.6146



28.8860, 70.0622, -25.3330



7.2500, 17.6247, -6.3582

Previews

White Background



This preview shows how the YUV color 205.8640, -17.1880, 6.2583 looks on a white background.

Color Contrast Check

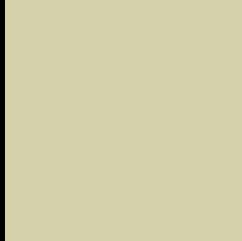
Large Text (above 18pt) WCAG AA × Fail

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 205.8640, -17.1880, 6.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

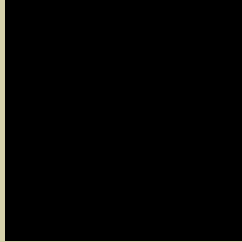
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

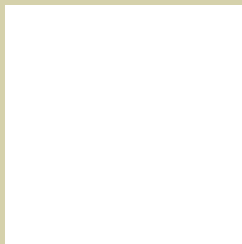
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.8640, -17.1880, 6.2583

Background



This preview shows how black text looks on a background with the YUV color 205.8640, -17.1880, 6.2583.



This preview shows how white text looks on a background with the YUV color 205.8640, -17.1880, 6.2583.

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

205.8640, -17.1880, 6.2583

Protanopia

206.3700, -17.9304, 11.0765

Deuteranopia

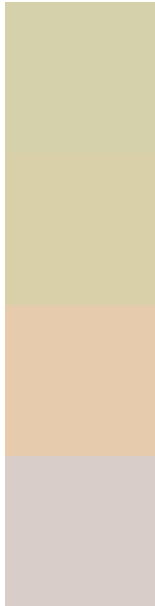
207.9960, -17.2530, 27.1905



Tritanopia

208.9070, 4.4828, 8.8516

Trichromacy



Original Color

205.8640, -17.1880, 6.2583

Protanomaly

206.3590, -17.9250, 9.3322

Deuteranomaly

207.5390, -17.5207, 19.6983

Tritanomaly

208.1320, -3.5161, 7.7772

Monochromacy



Original Color

205.8640, -17.1880, 6.2583

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8640, -17.1880, 6.2583 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(213, 209, 171)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 171)  
}
```

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(213, 209, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 171) }
```

Border

The CSS property to change the border of an element to YUV 205.8640, -17.1880, 6.2583 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(213, 209, 171) }
```


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

```
.border{ border-color:rgb(213, 209, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 171);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 205.8640, -17.1880, 6.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 171) }
```

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

```
.background{ background-color: rgb(213,  
209, 171) }
```

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