

Converting Colors

YUV(215.8660, -6.8359, -0.7595)

Have a look what the booklet for
YUV(215.8660, -6.8359, -0.7595)
contains.

YUV(215.8660, -6.8359, -0.7595)	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(215.8660, -6.8359,
-0.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DBCA
RGB	215, 219, 202
RGB Percent	84%, 86%, 79%
CMY	0.1569, 0.1412, 0.2078
CMYK	0.02, 0.00, 0.08, 0.14
HSL	74°, 19%, 83%
HSV	74°, 8%, 86%
XYZ	64.0165, 69.3744, 65.8937
YIQ	215.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

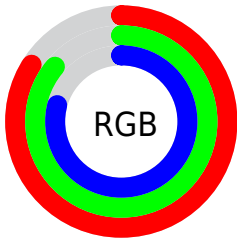
Format	Color
RYP	202, 219, 206
Decimal	14146506
CIELab	86.69, -4.34, 7.88
CIELCh	87, 8.997, 118.859
Yxy	69.3744, 0.3212, 0.3481
Android (android.graphics.Color)	4292336586 (0xFFD7DBCA)
YUV	215.8660, -6.8359, -0.7595
Hunter-Lab	83.2913, -8.5671, 11.3982

Details

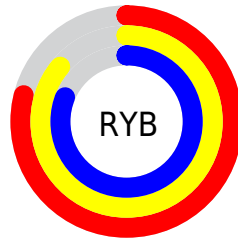
The YUV color **215.8660, -6.8359, -0.7595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.1340, 6.8359, 0.7595**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **160.9800, -6.3991, -0.8595** is the 20% darker color. If you saturate the color by 10%, you get **211.8630, -15.7085, -1.6339**, and if you desaturate by 10%, it is **219.8690, 2.0366, 0.1149**.

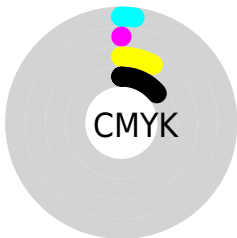
Distribution



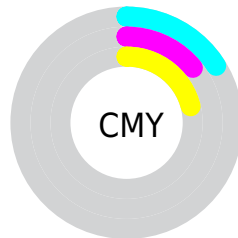
- Red (84%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8660, -6.8359, -0.7595 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 215.8660, -6.8359, -0.7595 by changing the saturation by 10% instead.

■ 215.8660, -6.8359,
-0.7595

■ 215.8660, -6.8359,
-0.7595

255.0000, 0.0000,
0.0000

■ 187.9800, -6.3991,
-0.8595

■ 160.9800, -6.3991,
-0.8595

■ 134.9800, -6.3991,
-0.8595

■ 109.3930, -6.1097,
-0.3447

■ 85.2080, -5.5255,
-1.0594

■ 62.2080, -5.5255,
-1.0594

■ 40.3220, -5.0887,

-1.1594

■ 19.1650, -6.9833,
-0.1447

■ 0.0000, 0.0000,
0.0000

■ 215.8660, -6.8359,
-0.7595

■ 215.8660, -6.8359,
-0.7595

■ 211.8630,
-15.7085, -1.6339

■ 219.8690, 2.0366,
0.1149

■ 207.8600,
-24.5810, -2.5082

■ 223.8720, 10.9091,
0.9893

■ 203.8570,
-33.4535, -3.3826

■ 226.3930, 14.1033,
3.1633

■ 199.5550,
-42.1786, -4.8717

■ 228.1870, 13.2188,
6.8520

■ 195.5520,
-51.0511, -5.7461

■ 229.6820, 12.4818,
9.9259

■ 191.6630,
-59.4869, -6.7205

■ 231.1770, 11.7447,
12.9998

■ 187.6600,
-68.3594, -7.5948

■ 232.6720, 11.0077,
16.0737

■ 183.6570,
-77.2319, -8.4692

■ 233.8680, 10.4181,
18.5328

■ 179.6540,
-86.1044, -9.3436

Harmonies

Analogous

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



216.8670, -8.3154, 7.1326



215.8660, -6.8359, -0.7595



214.7340, -3.3199, -8.5367

Triad

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



215.8660, -6.8359, -0.7595



215.2740, 7.7529, -13.3953



218.6750, -0.3328, 13.4400

Complementary

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



215.8660, -6.8359, -0.7595



205.1340, 6.8359, 0.7595

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.



218.9670, 3.4673, 7.9219



215.8660, -6.8359, -0.7595



216.8340, 8.4628, -7.7474

Square

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



215.8660, -6.8359, -0.7595



214.5680, 5.1430, -16.2841



217.8350, 6.9833, 0.1447



218.8340, -4.8482, 15.0546

Rectangle

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



215.8660, -6.8359, -0.7595



214.3960, -0.6882, -12.6253



217.8350, 6.9833, 0.1447



219.3050, 0.8356, 12.0105

Sweetspot

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



215.8660, -6.8359, -0.7595



254.1310, -2.0366, -0.1149



209.4310, -3.6635, 8.3920



127.3590, -1.1630, -0.3148



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.



215.8660, -6.8359, -0.7595



250.8830, -9.3093, -0.7744



213.4740, -5.6567, -5.6777



107.8490, -4.3626, -0.7446



141.3180, -69.6698, -7.2949



37.4670, -18.4712, -2.1636

Inverse Universe

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



205.1340, 6.8359, 0.7595



236.1170, 9.3093, 0.7744



207.5260, 5.6567, 5.6777



100.8520, 4.5100, 0.1298



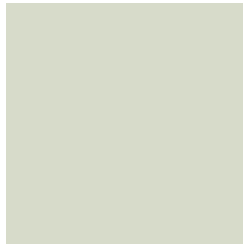
31.9810, 69.5224, 7.9097



8.5330, 18.4712, 2.1636

Previews

White Background



This preview shows how the YUV color 215.8660, -6.8359, -0.7595 looks on a white background.

Color Contrast Check

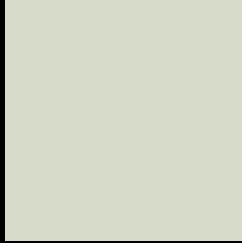
Large Text (above 18pt) WCAG AA × Fail

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 215.8660, -6.8359, -0.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

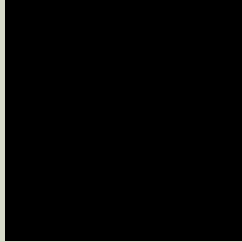
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

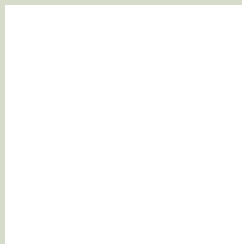
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.8660, -6.8359, -0.7595

Background



This preview shows how black text looks on a background with the YUV color 215.8660, -6.8359, -0.7595.



This preview shows how white text looks on a background with the YUV color 215.8660, -6.8359, -0.7595.

-0.7595.

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

215.8660, -6.8359, -0.7595

Protanopia

216.8670, -8.3154, 7.1326

Deuteranopia

218.5960, -7.1958, 21.4023



Tritanopia

218.1340, 6.8359, 0.7595

Trichromacy



Original Color

215.8660, -6.8359, -0.7595

Protanomaly

216.3720, -7.5784, 4.0588

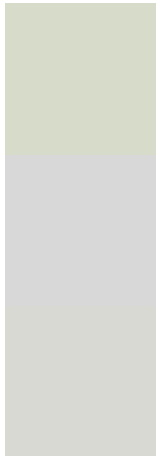
Deuteranomaly

217.8400, -7.3161, 13.2953

Tritanomaly

217.1680, 1.8892, 0.7297

Monochromacy



Original Color

215.8660, -6.8359, -0.7595

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8660, -6.8359, -0.7595 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(215, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 202)  
}
```

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(215, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 202) }
```

Border

The CSS property to change the border of an element to YUV 215.8660, -6.8359, -0.7595 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(215, 219, 202) }
```


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

```
.border{ border-color:rgb(215, 219, 202) }
```

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

Here you see how a box with a 4 pixel rgb(215, 219, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 215.8660, -6.8359, -0.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 202) }
```

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

```
.background{ background-color: rgb(215,  
219, 202) }
```

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