

Converting Colors

YUV(201.7860, -15.6705,
-13.8443)

Have a look what the booklet for
YUV(201.7860, -15.6705, -13.8443)
contains.

YUV(201.7860, -15.6705, -13.8443)	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(201.7860, -15.6705,
-13.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD8AA
RGB	186, 216, 170
RGB Percent	73%, 85%, 67%
CMY	0.2706, 0.1529, 0.3333
CMYK	0.14, 0.00, 0.21, 0.15
HSL	99°, 37%, 76%
HSV	99°, 21%, 85%
XYZ	52.0613, 62.4531, 47.3409
YIQ	201.7860, -3.1140, -20.6660

Conversions

Conversions Part 2

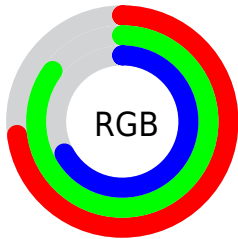
Format	Color
RYB	170, 216, 200
Decimal	12245162
CIELab	83.15, -18.29, 19.44
CIELCh	83, 26.690, 133.251
Yxy	62.4531, 0.3217, 0.3859
Android (android.graphics.Color)	4290435242 (0xFFBAD8AA)
YUV	201.7860, -15.6705, -13.8443
Hunter-Lab	79.0273, -20.7063, 19.8017

Details

The YUV color $201.7860, -15.6705, -13.8443$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $184.2140, 15.6705, 13.8443$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.6930, -11.1876, -4.9928$, and $147.4270, -14.5075, -13.5295$ is the 20% darker color. If you saturate the color by 10%, you get $195.0920, -23.2164, -20.2517$, and if you desaturate by 10%, it is $208.4800, -8.1246, -7.4370$.

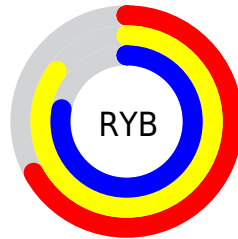
Distribution



Red (73%)

Green (85%)

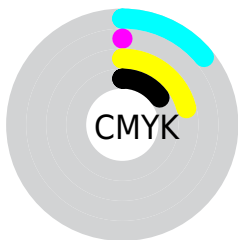
Blue (67%)



Red (67%)

Yellow (85%)

Blue (78%)

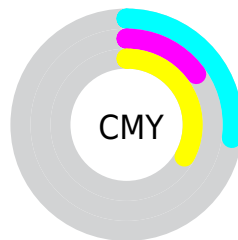


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.7860, -15.6705, -13.8443 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 201.7860, -15.6705, -13.8443 by changing the saturation by 10% instead.

■ 201.7860,
-15.6705, -13.8443

■ 201.7860,
-15.6705, -13.8443

255.0000, 0.0000,
0.0000

■ 174.1990,
-15.3811, -13.3295

■ 247.6930,
-11.1876, -4.9928

■ 147.4270,
-14.5075, -13.5295

254.8860, -0.4368,
0.1000

■ 121.8400,
-14.2181, -13.0147

■ 96.3670, -13.4919,
-12.5999

■ 72.4810, -13.0551,
-12.6998

■ 50.0080, -12.3289,
-12.2850

■ 27.9650, -13.7867,

-11.3703

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 201.7860,
-15.6705, -13.8443

■ 201.7860,
-15.6705, -13.8443

■ 195.0920,
-23.2164, -20.2517

■ 208.4800, -8.1246,
-7.4370

■ 188.5120,
-30.3254, -26.7590

■ 215.0600, -1.0156,
-0.9296

■ 181.8180,
-37.8713, -33.1664

■ 221.7540, 6.5303,
5.4777

■ 175.2380,
-44.9803, -39.6737

■ 228.2200, 13.2025,
12.0851

■ 168.5440,
-52.5262, -46.0811

■ 232.1070, 11.2862,
20.0772

■ 161.5510,
-59.9246, -53.1032

■ 154.9710,
-67.0337, -59.6106

■ 149.2170,
-73.5640, -65.0883

Harmonies

Analogous

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



204.6810, -23.0137, 8.1728



201.7860, -15.6705, -13.8443



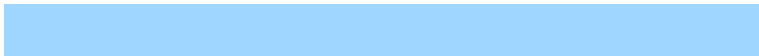
198.2700, -3.0911, -35.3168

Triad

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



201.7860, -15.6705, -13.8443



202.2290, 26.0161, -37.9118



209.6460, -6.2345, 39.7755

Complementary

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



201.7860, -15.6705, -13.8443



184.2140, 15.6705, 13.8443

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.



211.5770, 5.1385, 31.9430



201.7860, -15.6705, -13.8443



207.4000, 23.4668, -13.5058

Square

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



201.7860, -15.6705, -13.8443



197.2890, 21.5495, -51.9965



210.7300, 16.4021, 12.5148



209.3720, -17.4384, 40.0158

Rectangle

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



201.7860, -15.6705, -13.8443



196.6090, 6.1088, -46.1381



210.7300, 16.4021, 12.5148



210.5580, -2.7401, 38.9756

Sweetspot

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



201.7860, -15.6705, -13.8443



250.3000, -5.0779, -4.6481



201.3640, -15.4625, 12.8358



125.1800, -3.0467, -2.7889



0.0000, 0.0000, 0.0000



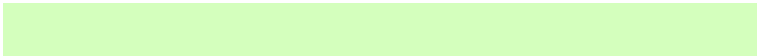
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



201.7860, -15.6705, -13.8443



234.6190, -22.4902, -19.8369



197.8000, -10.2544, -24.3806



103.6530, -3.7729, -3.2037



118.0180, -58.1829, -51.7588



29.7260, -14.6549, -12.9147

Inverse Universe

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



184.2140, 15.6705, 13.8443



209.3810, 22.4902, 19.8369



188.2000, 10.2544, 24.3806



99.3470, 3.7729, 3.2037



52.6830, 58.3303, 51.1440



13.2740, 14.6549, 12.9147

Previews

White Background



This preview shows how the YUV color 201.7860, -15.6705, -13.8443 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 201.7860, -15.6705, -13.8443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

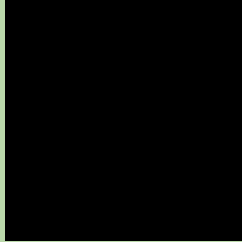
Any Text WCAG AA ✓ Pass

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 201.7860, -15.6705, -13.8443 Background



This preview shows how black text looks on a background with the YUV color 201.7860, -15.6705, -13.8443.



This preview shows how white text looks on a background with the YUV color 201.7860, -15.6705, -13.8443.

-13.8443.

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

201.7860, -15.6705, -13.8443

Protanopia

205.5120, -19.9724, 12.7060

Deuteranopia

207.8110, -16.6688, 26.4758



Tritanopia

206.6380, 9.0525, -10.2065

Trichromacy



Original Color

201.7860, -15.6705, -13.8443

Protanomaly

204.5000, -18.4875, 3.0695

Deuteranomaly

205.5380, -16.0412, 11.8062

Tritanomaly

205.2220, -0.1094, -11.5957

Monochromacy



Original Color

201.7860, -15.6705, -13.8443

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7730, -5.8041, -5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7860, -15.6705, -13.8443 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(186, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 216, 170)  
}
```

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(186, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 170) }
```

Border

The CSS property to change the border of an element to YUV 201.7860, -15.6705, -13.8443 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(186, 216, 170) }
```


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

```
.border{ border-color:rgb(186, 216, 170) }
```

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

Here you see how a box with a 4 pixel rgb(186, 216, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 216,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 201.7860, -15.6705, -13.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 170) }
```

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

```
.background{ background-color: rgb(186,  
216, 170) }
```

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