

Converting Colors

YUV(208.7770, -18.6241,
0.1956)

Have a look what the booklet for
YUV(208.7770, -18.6241, 0.1956)
contains.

YUV(208.7770, -18.6241, 0.1956)	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(208.7770, -18.6241,
0.1956)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D8AB
RGB	209, 216, 171
RGB Percent	82%, 85%, 67%
CMY	0.1804, 0.1529, 0.3294
CMYK	0.03, 0.00, 0.21, 0.15
HSL	69°, 37%, 76%
HSV	69°, 21%, 85%
XYZ	58.2010, 65.6073, 48.1240
YIQ	208.7770, 10.2730, -15.4790

Conversions

Conversions Part 2

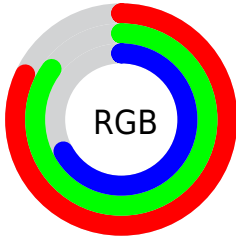
Format	Color
RYB	171, 216, 178
Decimal	13752491
CIELab	84.80, -9.88, 21.44
CIELCh	85, 23.605, 114.734
Yxy	65.6073, 0.3385, 0.3816
Android (android.graphics.Color)	4291942571 (0xFFD1D8AB)
YUV	208.7770, -18.6241, 0.1956
Hunter-Lab	80.9983, -13.4866, 21.4725

Details

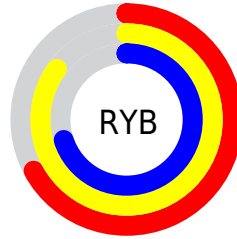
The YUV color $208.7770, -18.6241, 0.1956$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.2230, 18.6241, -0.1956$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $154.1190, -17.3137, -0.1044$ is the 20% darker color. If you saturate the color by 10%, you get $205.3720, -27.7914, 0.5508$, and if you desaturate by 10%, it is $212.1820, -9.4567, -0.1596$.

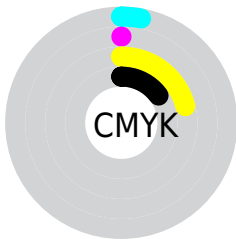
Distribution



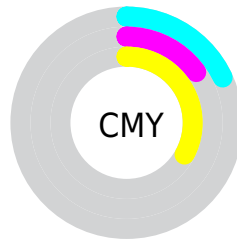
- Red (82%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7770, -18.6241, 0.1956 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 208.7770, -18.6241, 0.1956 by changing the saturation by 10% instead.

■ 208.7770,
-18.6241, 0.1956

■ 208.7770,
-18.6241, 0.1956

255.0000, 0.0000,
0.0000

■ 180.8910,
-18.1873, 0.0956

■ 251.6940,
-12.6671, 2.8994

■ 154.1190,
-17.3137, -0.1044

■ 128.2330,
-16.8769, -0.2043

■ 103.3470,
-16.4401, -0.3043

■ 78.5750, -15.5665,
-0.5043

■ 55.6890, -15.1297,
-0.6043

■ 33.3470, -16.4401,

-0.3043

■ 12.6260, -6.2246,
-10.1960

■ 0.0000, 0.0000,
0.0000

■ 208.7770,
-18.6241, 0.1956

■ 208.7770,
-18.6241, 0.1956

■ 205.3720,
-27.7914, 0.5508

■ 212.1820, -9.4567,
-0.1596

■ 201.7820,
-36.3745, 0.1912

■ 215.7720, -0.8736,
0.2000

■ 198.3770,
-45.5419, 0.5464

■ 219.1770, 8.2937,
-0.1552

■ 195.0860,
-54.2724, 0.8016

■ 222.2400, 16.1507,
-0.2105

■ 191.3820,
-63.2923, 0.5420

■ 223.4360, 15.5611,
2.2486

■ 187.9770,
-72.4597, 0.8972

■ 224.3330, 15.1188,
4.0930

■ 184.3870,
-81.0428, 0.5376

■ 225.5290, 14.5292,
6.5521

■ 181.2100,
-89.3365, 0.6928

■ 226.4260, 14.0870,
8.3964

■ 227.3230, 13.6448,
10.2407

Harmonies

Analogous

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



211.5020, -21.4465, 18.8537



208.7770, -18.6241, 0.1956



205.5340, -10.1233, -19.7623

Triad

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



208.7770, -18.6241, 0.1956



205.1270, 20.6434, -41.3304



215.7360, 0.6232, 33.5575

Complementary

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



208.7770, -18.6241, 0.1956



178.2230, 18.6241, -0.1956

Split Complementary

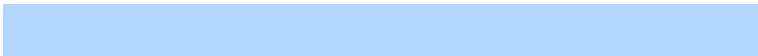
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.3950, 11.1443, 18.9476



208.7770, -18.6241, 0.1956



209.3940, 22.4838, -24.9015

Square

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



208.7770, -18.6241, 0.1956



202.4440, 13.0921, -45.9934



213.3260, 19.0663, -2.0399



214.0000, -9.8600, 35.9570

Rectangle

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



208.7770, -18.6241, 0.1956



204.4060, -2.6652, -31.9281



213.3260, 19.0663, -2.0399



215.6260, 4.1284, 29.2690

Sweetspot

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



208.7770, -18.6241, 0.1956



252.6920, -6.2572, 0.2701



188.5640, -8.6591, 24.0614



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



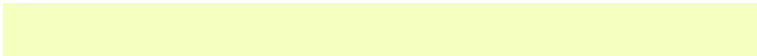
128.0000, 0.0000, 0.0000

Same Dimension

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



208.7770, -18.6241, 0.1956



244.7140, -26.4810, 0.2508



202.1990, -15.3811, -13.3295



105.1480, -4.5100, -0.1298



143.4330, -70.7125, 0.4973



36.3040, -17.8979, 0.6104

Inverse Universe

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



178.2230, 18.6241, -0.1956



201.2860, 26.4810, -0.2508



184.8010, 15.3811, 13.3295



97.8520, 4.5100, 0.1298



27.5670, 70.7125, -0.4973



6.9950, 17.7505, 0.0044

Previews

White Background



This preview shows how the YUV color 208.7770, -18.6241, 0.1956 looks on a white background.

Color Contrast Check

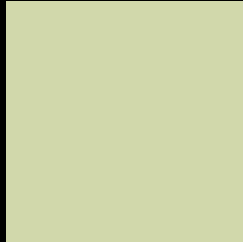
Large Text (above 18pt) WCAG AA × Fail

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 208.7770, -18.6241, 0.1956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

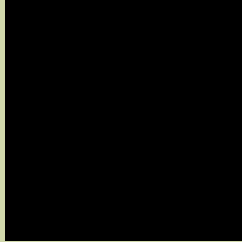
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7770, -18.6241, 0.1956

Background



This preview shows how black text looks on a background with the YUV color 208.7770, -18.6241, 0.1956.



This preview shows how white text looks on a background with the YUV color 208.7770, -18.6241, 0.1956.

0.1956.

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

208.7770, -18.6241, 0.1956

Protanopia

210.3980, -20.4092, 12.8060

Deuteranopia

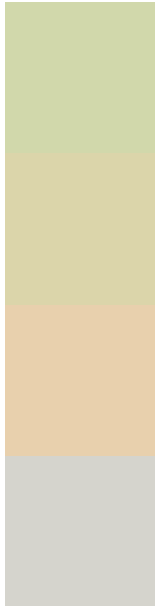
212.2520, -18.8582, 28.7200



Tritanopia

212.9170, 5.9569, 2.7038

Trichromacy



Original Color

208.7770, -18.6241, 0.1956

Protanomaly

209.8920, -19.6668, 7.9877

Deuteranomaly

211.1860, -18.8257, 18.2539

Tritanomaly

211.5010, -3.2050, 1.3146

Monochromacy



Original Color

208.7770, -18.6241, 0.1956

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7770, -18.6241, 0.1956 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(209, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 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(209, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 171) }
```

Border

The CSS property to change the border of an element to YUV 208.7770, -18.6241, 0.1956 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(209, 216, 171) }
```


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

```
.border{ border-color:rgb(209, 216, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 216, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 208.7770, -18.6241, 0.1956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 171) }
```

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

```
.background{ background-color: rgb(209,  
216, 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