

Converting Colors

YUV(196.4080, -18.9351,
6.6582)

Have a look what the booklet for
YUV(196.4080, -18.9351, 6.6582)
contains.

YUV(196.4080, -18.9351, 6.6582)	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(196.4080, -18.9351,
6.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC89E
RGB	204, 200, 158
RGB Percent	80%, 78%, 62%
CMY	0.2000, 0.2157, 0.3804
CMYK	0.00, 0.02, 0.23, 0.20
HSL	55°, 31%, 71%
HSV	55°, 23%, 80%
XYZ	51.7277, 56.6145, 40.5491
YIQ	196.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

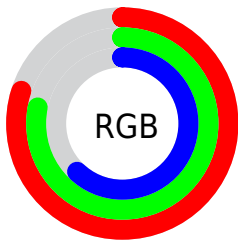
Format	Color
RYB	162, 204, 158
Decimal	13420702
CIELab	79.96, -5.41, 21.56
CIELCh	80, 22.228, 104.079
Yxy	56.6145, 0.3474, 0.3802
Android (android.graphics.Color)	4291610782 (0xFFCCC89E)
YUV	196.4080, -18.9351, 6.6582
Hunter-Lab	75.2426, -8.9598, 20.7178

Details

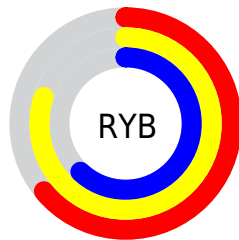
The YUV color $196.4080, -18.9351, 6.6582$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $165.5920, 18.9351, -6.6582$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, -18.3455, 4.1991$, and $142.3370, -17.9141, 5.8435$ is the 20% darker color. If you saturate the color by 10%, you get $192.9540, -27.0923, 9.6873$, and if you desaturate by 10%, it is $199.8620, -10.7780, 3.6290$.

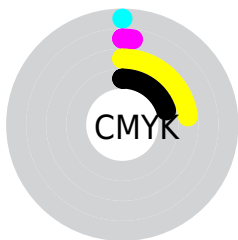
Distribution



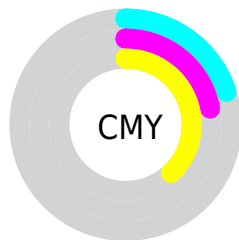
- Red (80%)
- Green (78%)
- Blue (62%)



- Red (64%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4080, -18.9351, 6.6582 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 196.4080, -18.9351, 6.6582 by changing the saturation by 10% instead.

■ 196.4080,
-18.9351, 6.6582

■ 196.4080,
-18.9351, 6.6582

255.0000, 0.0000,
0.0000

■ 169.2230,
-18.3509, 5.9434

■ 250.2120,
-18.3455, 4.1991

■ 142.3370,
-17.9141, 5.8435

■ 253.4040, -6.1152,
1.3997

■ 116.5650,
-17.0405, 5.6435

■ 92.3800, -16.4563,
4.9287

■ 68.4940, -16.0195,
4.8288

■ 46.0100, -15.2879,
3.4992

■ 25.6940, -12.6671,

2.8994

■ 0.0000, 0.0000,
0.0000

■ 196.4080,
-18.9351, 6.6582

■ 196.4080,
-18.9351, 6.6582

■ 192.9540,
-27.0923, 9.6873

■ 199.8620,
-10.7780, 3.6290

■ 189.3860,
-35.6863, 12.8165

■ 203.4300, -2.1840,
0.4999

■ 186.5190,
-44.1329, 15.3308

■ 206.2970, 6.2626,
-2.0145

■ 182.9510,
-52.7268, 18.4600

■ 209.8650, 14.8566,
-5.1436

■ 179.4970,
-60.8840, 21.4891

■ 212.7490, 20.8297,
-7.6729

■ 176.0430,
-69.0412, 24.5183

■ 213.9230, 20.2510,
-8.7025

■ 173.0620,
-77.9246, 27.1326

■ 214.5100, 19.9616,
-9.2173

■ 170.1780,
-83.8978, 29.6619

■ 215.6840, 19.3828,
-10.2469

■ 216.8580, 18.8040,
-11.2765

Harmonies

Analogous

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



198.3930, -19.4207, 22.4573



196.4080, -18.9351, 6.6582



193.8940, -12.7657, -12.1850

Triad

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



196.4080, -18.9351, 6.6582



190.9160, 17.2964, -41.1453



202.2020, 3.8444, 27.0098

Complementary

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



196.4080, -18.9351, 6.6582



165.5920, 18.9351, -6.6582

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.



201.5080, 13.0606, 10.9555



196.4080, -18.9351, 6.6582



194.4320, 21.4790, -29.3199

Square

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



196.4080, -18.9351, 6.6582



189.7390, 9.0027, -40.9901



198.6840, 19.3828, -10.2469



201.6130, -6.2182, 34.5424

Rectangle

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



196.4080, -18.9351, 6.6582



191.9510, -5.8918, -23.6360



198.6840, 19.3828, -10.2469



202.0920, 7.3496, 22.7213

Sweetspot

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



196.4080, -18.9351, 6.6582



251.7740, -7.2836, 2.8292



172.3240, -4.5967, 27.7799



126.1590, -4.5154, 1.6146



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.



196.4080, -18.9351, 6.6582



243.6120, -28.4027, 9.9873



193.3740, -17.4394, -6.4670



100.2730, -4.0786, 1.5146



138.2710, -68.1676, 24.3183



31.9070, -15.7302, 5.3436

Inverse Universe

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



165.5920, 18.9351, -6.6582



197.3880, 28.4027, -9.9873



168.6260, 17.4394, 6.4670



93.7270, 4.0786, -1.5146



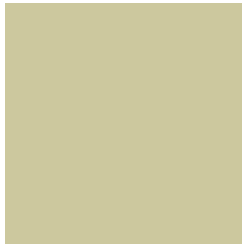
27.1420, 68.4570, -23.8035



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 196.4080, -18.9351, 6.6582 looks on a white background.

Color Contrast Check

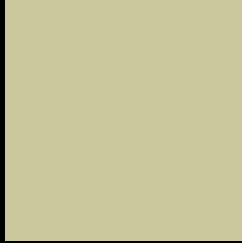
Large Text (above 18pt) WCAG AA × Fail

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 196.4080, -18.9351, 6.6582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

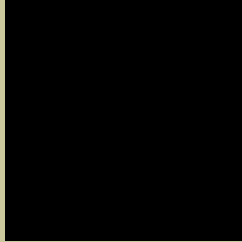
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

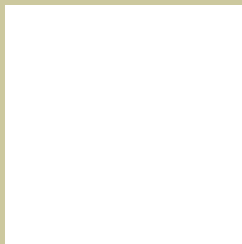
Any Text WCAG AAA ✓ Pass

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

YUV 196.4080, -18.9351, 6.6582 Background



This preview shows how black text looks on a background with the YUV color 196.4080, -18.9351, 6.6582.



This preview shows how white text looks on a background with the YUV color 196.4080, -18.9351, 6.6582.

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

196.4080, -18.9351, 6.6582

Protanopia

197.2130, -19.8250, 12.0912

Deuteranopia

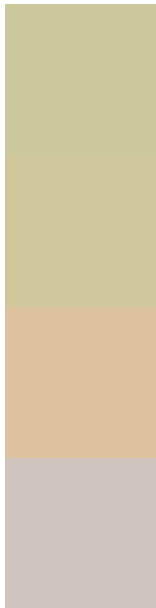
198.5400, -19.0002, 27.5904



Tritanopia

200.0920, 3.8986, 9.5663

Trichromacy



Original Color

196.4080, -18.9351, 6.6582

Protanomaly

196.9030, -19.6722, 9.7321

Deuteranomaly

198.0830, -19.2679, 20.0982

Tritanomaly

198.9040, -4.3897, 7.9772

Monochromacy



Original Color

196.4080, -18.9351, 6.6582

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8880, -6.8468, 2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4080, -18.9351, 6.6582 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(204, 200, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 158)  
}
```

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(204, 200, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 158) }
```

Border

The CSS property to change the border of an element to YUV 196.4080, -18.9351, 6.6582 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(204, 200, 158) }
```


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

```
.border{ border-color:rgb(204, 200, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 200, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 200, 158); box-shadow:4px 4px 4px 4px rgb(204, 200, 158) }
```

Background

The CSS property to change the background color of an element to YUV 196.4080, -18.9351, 6.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 158) }
```

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

```
.background{ background-color: rgb(204,  
200, 158) }
```

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