

Converting Colors

YUV(196.2780, -21.8291,
1.5102)

Have a look what the booklet for
YUV(196.2780, -21.8291, 1.5102)
contains.

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Color

**YUV(196.2780, -21.8291,
1.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CC98
RGB	198, 204, 152
RGB Percent	78%, 80%, 60%
CMY	0.2235, 0.2000, 0.4039
CMYK	0.03, 0.00, 0.25, 0.20
HSL	67°, 34%, 70%
HSV	67°, 25%, 80%
XYZ	50.5491, 57.4585, 38.1321
YIQ	196.2780, 13.1160, -17.4440

Conversions

Conversions Part 2

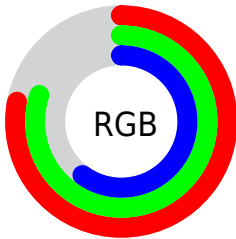
Format	Color
RYB	152, 204, 158
Decimal	13028504
CIELab	80.44, -10.58, 25.30
CIElCh	80, 27.418, 112.690
Yxy	57.4585, 0.3459, 0.3932
Android (android.graphics.Color)	4291218584 (0xFFC6CC98)
YUV	196.2780, -21.8291, 1.5102
Hunter-Lab	75.8014, -13.6175, 23.2349

Details

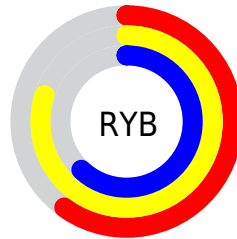
The YUV color $196.2780, -21.8291, 1.5102$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.7220, 21.8291, -1.5102$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $142.6200, -20.5187, 1.2103$ is the 20% darker color. If you saturate the color by 10%, you get $193.4000, -30.2702, 2.2802$, and if you desaturate by 10%, it is $199.1560, -13.3879, 0.7402$.

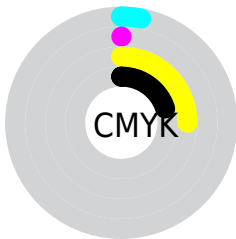
Distribution



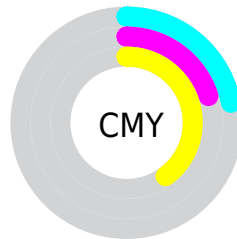
- Red (78%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2780, -21.8291, 1.5102 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 196.2780, -21.8291, 1.5102 by changing the saturation by 10% instead.

■ 196.2780,
-21.8291, 1.5102

■ 196.2780,
-21.8291, 1.5102

255.0000, 0.0000,
0.0000

■ 169.0930,
-21.2448, 0.7954

■ 249.5280,
-20.9663, 4.7989

■ 142.6200,
-20.5187, 1.2103

■ 252.7200, -8.7360,
1.9996

■ 116.7340,
-20.0819, 1.1103

■ 91.6630, -19.0609,
0.2955

■ 67.8910, -18.1873,
0.0956

■ 45.4780, -18.4767,
-0.4192

■ 25.3730, -12.5089,

-1.2041

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 196.2780,
-21.8291, 1.5102

■ 196.2780,
-21.8291, 1.5102

■ 193.4000,
-30.2702, 2.2802

■ 199.1560,
-13.3879, 0.7402

■ 190.1090,
-39.0007, 2.5354

■ 202.4470, -4.6574,
0.4850

■ 187.2310,
-47.4419, 3.3054

■ 205.3250, 3.7838,
-0.2850

■ 184.2390,
-56.3198, 4.1754

■ 208.3170, 12.6617,
-1.1550

■ 181.0620,
-64.6136, 4.3306

■ 211.4940, 20.9555,
-1.3102

■ 178.1840,
-73.0547, 5.1006

■ 212.2060, 21.0974,
-0.1807

■ 175.1920,
-81.9327, 5.9706

■ 212.8040, 20.8026,
1.0489

■ 173.5680,
-85.5690, 5.6409

■ 213.7010, 20.3604,
2.8932

■ 214.2990, 20.0656,
4.1228

Harmonies

Analogous

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



199.0140, -24.6569, 21.9127



196.2780, -21.8291, 1.5102



192.9530, -12.3018, -21.0068

Triad

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



196.2780, -21.8291, 1.5102



189.9840, 24.1649, -50.8520



203.9860, 1.4859, 36.8463

Complementary

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



196.2780, -21.8291, 1.5102



159.7220, 21.8291, -1.5102

Split Complementary

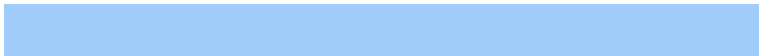
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.9760, 13.3228, 20.1920



196.2780, -21.8291, 1.5102



196.0880, 26.5786, -31.6492

Square

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



196.2780, -21.8291, 1.5102



188.1440, 14.7190, -54.5003



200.9280, 22.7135, -5.1989



202.8160, -10.7553, 43.1344

Rectangle

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



196.2780, -21.8291, 1.5102



190.8570, -3.3805, -35.8316



200.9280, 22.7135, -5.1989



203.9900, 5.4279, 32.4578

Sweetspot

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



196.2780, -21.8291, 1.5102



252.1220, -8.4411, 0.7700



170.4830, -9.1121, 29.3944



125.9200, -5.3836, 0.0702



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.



196.2780, -21.8291, 1.5102



243.3030, -33.1804, 2.3653



188.8030, -18.1439, -13.8592



100.5610, -4.2206, 0.3850



141.3950, -69.7077, 4.9156



32.4720, -16.0087, 1.3401

Inverse Universe

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



159.7220, 21.8291, -1.5102



187.6970, 33.1804, -2.3653



167.1970, 18.1439, 13.8592



93.4390, 4.2206, -0.3850



24.6050, 69.7077, -4.9156



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 196.2780, -21.8291, 1.5102 looks on a white background.

Color Contrast Check

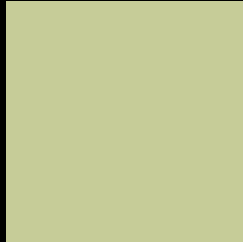
Large Text (above 18pt) WCAG AA × Fail

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 196.2780, -21.8291, 1.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

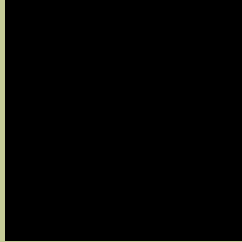
Any Text WCAG AA ✓ Pass

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 196.2780, -21.8291, 1.5102 Background



This preview shows how black text looks on a background with the YUV color 196.2780, -21.8291, 1.5102.



This preview shows how white text looks on a background with the YUV color 196.2780, -21.8291, 1.5102.

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

196.2780, -21.8291, 1.5102

Protanopia

197.8990, -23.6142, 14.1206

Deuteranopia

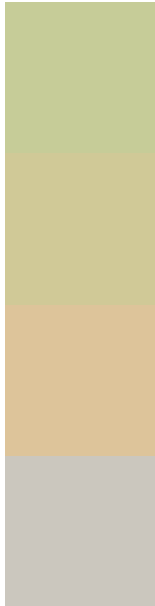
199.7530, -22.0632, 30.0346



Tritanopia

200.8140, 5.5147, 4.5481

Trichromacy



Original Color

196.2780, -21.8291, 1.5102

Protanomaly

197.3930, -22.8717, 9.3023

Deuteranomaly

198.6870, -22.0307, 19.5685

Tritanomaly

199.1700, -4.5208, 3.3589

Monochromacy



Original Color

196.2780, -21.8291, 1.5102

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2360, -8.0043, 0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2780, -21.8291, 1.5102 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(198, 204, 152)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 152)  
}
```

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(198, 204, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 152) }
```

Border

The CSS property to change the border of an element to YUV 196.2780, -21.8291, 1.5102 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(198, 204, 152) }
```


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

```
.border{ border-color:rgb(198, 204, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 152);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 196.2780, -21.8291, 1.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 152) }
```

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

```
.background{ background-color: rgb(198,  
204, 152) }
```

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](#).

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