

Converting Colors

YUV(196.5670, -23.4505,
8.2727)

Have a look what the booklet for
YUV(196.5670, -23.4505, 8.2727)
contains.

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Color

**YUV(196.5670, -23.4505,
8.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC995
RGB	206, 201, 149
RGB Percent	81%, 79%, 58%
CMY	0.1922, 0.2118, 0.4157
CMYK	0.00, 0.02, 0.28, 0.19
HSL	55°, 37%, 70%
HSV	55°, 28%, 81%
XYZ	51.7651, 57.0650, 36.7201
YIQ	196.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

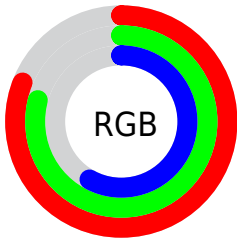
Format	Color
RYB	154, 206, 149
Decimal	13552021
CIELab	80.22, -6.40, 26.68
CIELCh	80, 27.435, 103.496
Yxy	57.0650, 0.3557, 0.3921
Android (android.graphics.Color)	4291742101 (0xFFCEC995)
YUV	196.5670, -23.4505, 8.2727
Hunter-Lab	75.5414, -9.8796, 24.0585

Details

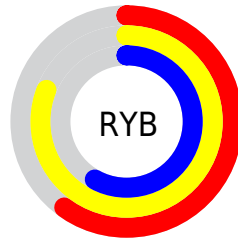
The YUV color $196.5670, -23.4505, 8.2727$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $158.4330, 23.4505, -8.2727$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $142.6100, -21.9927, 7.3580$ is the 20% darker color. If you saturate the color by 10%, you get $192.9990, -32.0445, 11.4019$, and if you desaturate by 10%, it is $200.1350, -14.8566, 5.1436$.

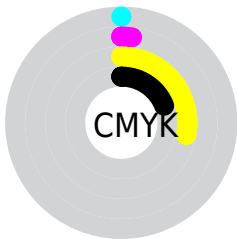
Distribution



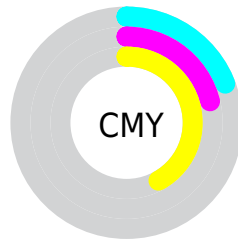
- Red (81%)
- Green (79%)
- Blue (58%)



- Red (60%)
- Yellow (81%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5670, -23.4505, 8.2727 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 196.5670, -23.4505, 8.2727 by changing the saturation by 10% instead.

■ 196.5670,
-23.4505, 8.2727

■ 196.5670,
-23.4505, 8.2727

■ 255.0000, 0.0000,
0.0000

■ 169.3820,
-22.8663, 7.5580

■ 249.0720,
-22.7135, 5.1989

■ 142.6100,
-21.9927, 7.3580

■ 252.3780,
-10.0464, 2.2995

■ 116.8380,
-21.1191, 7.1581

■ 92.2400, -20.8243,
5.9285

■ 68.1690, -19.8033,
5.1138

■ 45.6420, -20.5295,
4.6990

■ 26.2810, -12.9565,

2.3846

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 196.5670,
-23.4505, 8.2727

■ 196.5670,
-23.4505, 8.2727

■ 192.9990,
-32.0445, 11.4019

■ 200.1350,
-14.8566, 5.1436

■ 189.5450,
-40.2017, 14.4310

■ 203.5890, -6.6994,
2.1144

■ 186.5640,
-49.0851, 17.0454

■ 206.5700, 2.1840,
-0.4999

■ 183.1100,
-57.2422, 20.0745

■ 210.0240, 10.3412,
-3.5290

■ 179.5420,
-65.8362, 23.2037

■ 213.5920, 18.9351,
-6.6582

■ 175.9740,
-74.4302, 26.3328

■ 215.1080, 19.6668,
-7.9877

■ 172.5200,
-82.5874, 29.3620

■ 216.2820, 19.0880,
-9.0173

■ 171.9500,
-84.7713, 29.8619

■ 216.8690, 18.7986,
-9.5321

■ 218.0430, 18.2198,
-10.5617

Harmonies

Analogous

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



198.8730, -24.0944, 28.1754



196.5670, -23.4505, 8.2727



193.3730, -15.9599, -14.3591

Triad

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



196.5670, -23.4505, 8.2727



188.3920, 21.9917, -53.8408



203.2890, 5.2805, 33.0725

Complementary

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



196.5670, -23.4505, 8.2727



158.4330, 23.4505, -8.2727

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.



202.7300, 16.4021, 12.5148



196.5670, -23.4505, 8.2727



193.6310, 26.3109, -39.1414

Square

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



196.5670, -23.4505, 8.2727



187.2430, 11.2192, -51.9561



198.9270, 24.1930, -13.0910



202.7280, -7.2609, 42.3345

Rectangle

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



196.5670, -23.4505, 8.2727



191.0490, -7.9122, -28.9840



198.9270, 24.1930, -13.0910



203.5810, 9.0806, 27.5545

Sweetspot

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



196.5670, -23.4505, 8.2727



251.5460, -8.1572, 3.0292



166.7270, -5.7814, 34.4424



125.3440, -5.0996, 2.3293



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.



196.5670, -23.4505, 8.2727



241.3150, -34.6653, 12.0017



192.6250, -21.5071, -8.4411



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.



158.4330, 23.4505, -8.2727



184.6850, 34.6653, -12.0017



162.3750, 21.5071, 8.4411



93.7270, 4.0786, -1.5146



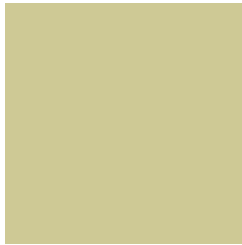
27.7290, 68.1676, -24.3183



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 196.5670, -23.4505, 8.2727 looks on a white background.

Color Contrast Check

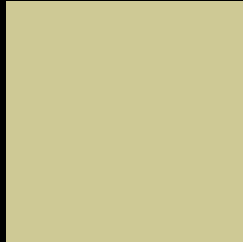
Large Text (above 18pt) WCAG AA × Fail

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 196.5670, -23.4505, 8.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

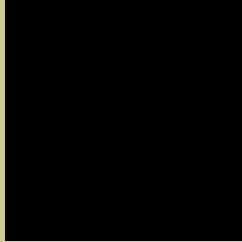
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

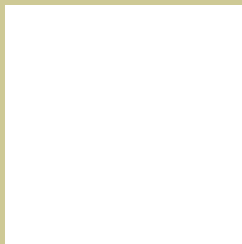
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.5670, -23.4505, 8.2727

Background



This preview shows how black text looks on a background with the YUV color 196.5670, -23.4505, 8.2727.



This preview shows how white text looks on a background with the YUV color 196.5670, -23.4505, 8.2727.

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

196.5670, -23.4505, 8.2727

Protanopia

197.3720, -24.3404, 13.7058

Deuteranopia

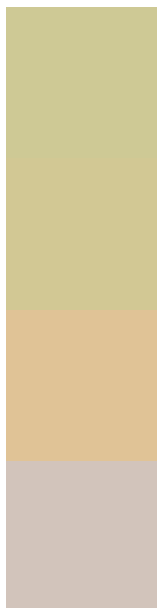
199.2970, -23.8104, 30.4345



Tritanopia

200.6900, 3.6038, 10.7959

Trichromacy



Original Color

196.5670, -23.4505, 8.2727

Protanomaly

197.0620, -24.1876, 11.3466

Deuteranomaly

198.5410, -23.9307, 22.3275

Tritanomaly

199.1600, -5.9949, 9.5067

Monochromacy



Original Color

196.5670, -23.4505, 8.2727

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.5460, -8.1572, 3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5670, -23.4505, 8.2727 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(206, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 149)  
}
```

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(206, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 149) }
```

Border

The CSS property to change the border of an element to YUV 196.5670, -23.4505, 8.2727 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(206, 201, 149) }
```


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

```
.border{ border-color:rgb(206, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 196.5670, -23.4505, 8.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 149) }
```

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

```
.background{ background-color: rgb(206,  
201, 149) }
```

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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