

Converting Colors

YUV(196.8770, -23.6034,
10.6319)

Have a look what the booklet for
YUV(196.8770, -23.6034, 10.6319)
contains.

YUV(196.8770, -23.6034, 10.6319)	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(196.8770, -23.6034,
10.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C895
RGB	209, 200, 149
RGB Percent	82%, 78%, 58%
CMY	0.1804, 0.2157, 0.4157
CMYK	0.00, 0.04, 0.29, 0.18
HSL	51°, 39%, 70%
HSV	51°, 29%, 82%
XYZ	52.3736, 57.0338, 36.6820
YIQ	196.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

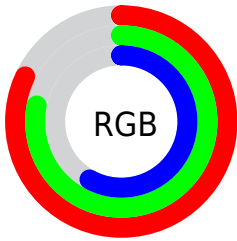
Format	Color
R _Y B	160, 209, 149
Decimal	13748373
CIE Lab	80.20, -4.73, 26.70
CIE LCh	80, 27.112, 100.055
Yxy	57.0338, 0.3585, 0.3904
Android (android.graphics.Color)	4291938453 (0xFFD1C895)
YUV	196.8770, -23.6034, 10.6319
Hunter-Lab	75.5207, -8.3716, 24.0661

Details

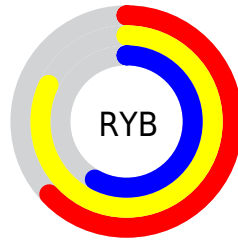
The YUV color $196.8770, -23.6034, 10.6319$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $161.1230, 23.6034, -10.6319$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $142.9200, -22.1456, 9.7172$ is the 20% darker color. If you saturate the color by 10%, you get $192.7220, -31.9079, 14.2758$, and if you desaturate by 10%, it is $201.0320, -15.2988, 6.9879$.

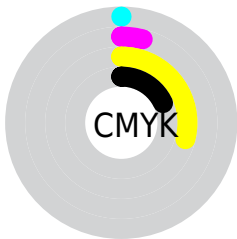
Distribution



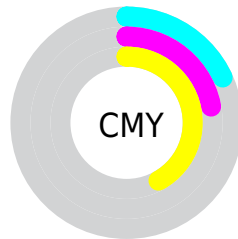
- Red (82%)
- Green (78%)
- Blue (58%)



- Red (63%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.8770, -23.6034, 10.6319 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 196.8770, -23.6034, 10.6319 by changing the saturation by 10% instead.

■ 196.8770,
-23.6034, 10.6319

■ 196.8770,
-23.6034, 10.6319

255.0000, 0.0000,
0.0000

■ 169.6920,
-23.0192, 9.9171

■ 249.0720,
-22.7135, 5.1989

■ 142.9200,
-22.1456, 9.7172

■ 252.3780,
-10.0464, 2.2995

■ 117.4360,
-21.4139, 8.3876

■ 92.5500, -20.9771,
8.2877

■ 68.4790, -19.9561,
7.4729

■ 45.6530, -20.5349,
6.4433

■ 26.2920, -12.9620,

4.1289

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 196.8770,
-23.6034, 10.6319

■ 196.8770,
-23.6034, 10.6319

■ 192.7220,
-31.9079, 14.2758

■ 201.0320,
-15.2988, 6.9879

■ 188.5670,
-40.2125, 17.9197

■ 205.1870, -6.9942,
3.3440

■ 184.4120,
-48.5171, 21.5637

■ 209.3420, 1.3104,
-0.2999

■ 179.6700,
-56.5323, 25.7224

■ 214.0840, 9.3256,
-4.4587

■ 175.6290,
-64.4001, 29.2664

■ 218.2390, 17.6302,
-8.1026

■ 171.4740,
-72.7047, 32.9103

■ 220.1140, 17.1988,
-9.7470

■ 167.3190,
-81.0093, 36.5542

■ 221.8750, 16.3306,
-11.2914

■ 166.9770,
-82.3197, 36.8542

■ 223.6360, 15.4625,
-12.8358

■ 225.3970, 14.5943,
-14.3802

Harmonies

Analogous

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



199.6990, -23.5156, 29.2050



196.8770, -23.6034, 10.6319



193.8680, -16.6969, -11.2852

Triad

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



196.8770, -23.6034, 10.6319



188.1640, 21.1181, -53.6408



203.6200, 6.5963, 31.0283

Complementary

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



196.8770, -23.6034, 10.6319



161.1230, 23.6034, -10.6319

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.



202.6480, 17.4285, 9.9557



196.8770, -23.6034, 10.6319



192.9190, 26.1689, -40.2710

Square

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



196.8770, -23.6034, 10.6319



187.7980, 9.4666, -49.8118



198.3180, 24.4932, -16.0649



202.7710, -5.8031, 41.4198

Rectangle

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



196.8770, -23.6034, 10.6319



191.7180, -9.2280, -26.9397



198.3180, 24.4932, -16.0649



203.6130, 10.5438, 24.8954

Sweetspot

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



196.8770, -23.6034, 10.6319



250.6170, -9.1782, 3.8439



167.9660, -4.9132, 35.9868



124.5290, -5.6838, 3.0441



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.



196.8770, -23.6034, 10.6319



237.4510, -34.2393, 15.3905



195.8810, -23.1123, -6.9116



102.5720, -4.2260, 2.1294



134.1730, -66.1473, 29.6663



32.8040, -16.1724, 7.1879

Inverse Universe

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



161.1230, 23.6034, -10.6319



185.5490, 34.2393, -15.3905



162.1190, 23.1123, 6.9116



96.4280, 4.2260, -2.1294



33.8270, 66.1473, -29.6663



8.1960, 16.1724, -7.1879

Previews

White Background



This preview shows how the YUV color 196.8770, -23.6034, 10.6319 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 196.8770, -23.6034, 10.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

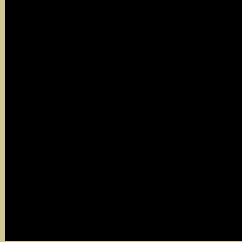
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.8770, -23.6034, 10.6319

Background



This preview shows how black text looks on a background with the YUV color 196.8770, -23.6034, 10.6319.



This preview shows how white text looks on a background with the YUV color 196.8770, -23.6034, 10.6319.

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

196.8770, -23.6034, 10.6319

Protanopia

197.3720, -24.3404, 13.7058

Deuteranopia

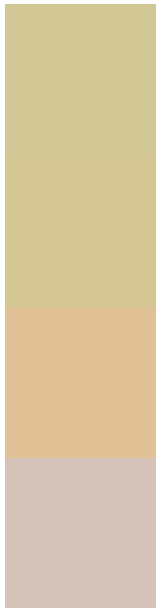
199.2970, -23.8104, 30.4345



Tritanopia

200.8860, 3.0142, 13.2550

Trichromacy



Original Color

196.8770, -23.6034, 10.6319

Protanomaly

197.0730, -24.1930, 13.0910

Deuteranomaly

198.2530, -23.7887, 23.4571

Tritanomaly

199.3560, -6.5845, 11.9658

Monochromacy



Original Color

196.8770, -23.6034, 10.6319

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8450, -8.3046, 3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.8770, -23.6034, 10.6319 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, 200, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 200, 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(209, 200, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 149) }
```

Border

The CSS property to change the border of an element to YUV 196.8770, -23.6034, 10.6319 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, 200, 149) }
```


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

```
.border{ border-color:rgb(209, 200, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 200, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 200, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 200, 149); box-shadow:4px 4px 4px 4px rgb(209, 200, 149) }
```

Background

The CSS property to change the background color of an element to YUV 196.8770, -23.6034, 10.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 149) }
```

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

```
.background{ background-color: rgb(209,  
200, 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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