

Converting Colors

YUV(191.4570, -19.9453,
3.9842)

Have a look what the booklet for
YUV(191.4570, -19.9453, 3.9842)
contains.

YUV(191.4570, -19.9453, 3.9842)	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(191.4570, -19.9453,
3.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C597
RGB	196, 197, 151
RGB Percent	77%, 77%, 59%
CMY	0.2314, 0.2275, 0.4078
CMYK	0.01, 0.00, 0.23, 0.23
HSL	61°, 28%, 68%
HSV	61°, 23%, 77%
XYZ	48.3171, 53.9026, 37.1358
YIQ	191.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

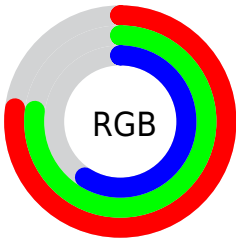
Format	Color
RYB	151, 197, 152
Decimal	12895639
CIELab	78.40, -7.87, 23.03
CIELCh	78, 24.339, 108.867
Yxy	53.9026, 0.3467, 0.3868
Android (android.graphics.Color)	4291085719 (0xFFC4C597)
YUV	191.4570, -19.9453, 3.9842
Hunter-Lab	73.4184, -11.0103, 21.4034

Details

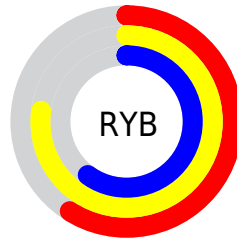
The YUV color $191.4570, -19.9453, 3.9842$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $156.5430, 19.9453, -3.9842$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1150, -21.2557, 4.2841$, and $137.7990, -18.6349, 3.6843$ is the 20% darker color. If you saturate the color by 10%, you get $189.1770, -28.6813, 5.9838$, and if you desaturate by 10%, it is $193.7370, -11.2093, 1.9847$.

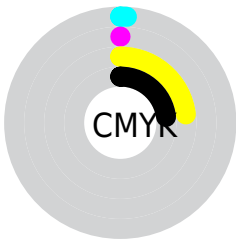
Distribution



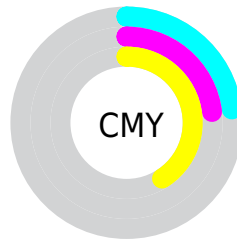
- Red (77%)
- Green (77%)
- Blue (59%)



- Red (59%)
- Yellow (77%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (23%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4570, -19.9453, 3.9842 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 191.4570, -19.9453, 3.9842 by changing the saturation by 10% instead.

■ 191.4570,
-19.9453, 3.9842

■ 191.4570,
-19.9453, 3.9842

255.0000, 0.0000,
0.0000

■ 164.5710,
-19.5085, 3.8842

■ 248.1150,
-21.2557, 4.2841

■ 137.7990,
-18.6349, 3.6843

■ 252.6060, -9.1728,
2.0995

■ 112.6140,
-18.0507, 2.9695

■ 87.7280, -17.6139,
2.8695

■ 64.5430, -17.0297,
2.1548

■ 41.6570, -16.5929,
2.0548

■ 22.4270, -11.0565,

-0.3745

■ 0.0000, 0.0000,
0.0000

■ 191.4570,
-19.9453, 3.9842

■ 191.4570,
-19.9453, 3.9842

■ 189.1770,
-28.6813, 5.9838

■ 193.7370,
-11.2093, 1.9847

■ 186.7120,
-36.8330, 7.2686

■ 196.2020, -3.0576,
0.6998

■ 184.4320,
-45.5690, 9.2681

■ 198.4820, 5.6784,
-1.2997

■ 181.8530,
-54.1575, 10.6529

■ 201.0610, 14.2669,
-2.6845

■ 179.5730,
-62.8935, 12.6525

■ 203.3410, 23.0029,
-4.6841

■ 177.1080,
-71.0452, 13.9373

■ 204.2100, 25.0395,
-4.5692

■ 174.8280,
-79.7812, 15.9368

■ 204.5090, 24.8921,
-3.9544

■ 173.3460,
-85.4596, 17.2366

Harmonies

Analogous

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



194.1110, -21.7467, 21.8277



191.4570, -19.9453, 3.9842



188.6870, -12.1707, -16.3885

Triad

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



191.4570, -19.9453, 3.9842



185.6920, 20.3648, -45.3339



198.1810, 2.3758, 31.4133

Complementary

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



191.4570, -19.9453, 3.9842



156.5430, 19.9453, -3.9842

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.



197.8290, 12.9023, 15.0590



191.4570, -19.9453, 3.9842



190.5890, 23.3736, -30.3346

Square

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



191.4570, -19.9453, 3.9842



184.3900, 11.6397, -46.8230



195.0480, 20.6823, -7.0581



197.0650, -8.4130, 38.5310

Rectangle

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



191.4570, -19.9453, 3.9842



187.1460, -5.0020, -29.0690



195.0480, 20.6823, -7.0581



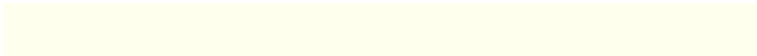
198.1850, 6.3178, 27.0248

Sweetspot

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



191.4570, -19.9453, 3.9842



252.9480, -7.8624, 1.7996



165.3410, -7.0701, 27.7649



126.4470, -4.6574, 0.4850



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.



191.4570, -19.9453, 3.9842



246.3080, -30.7178, 5.8689



184.5800, -16.5549, -10.1557



97.9740, -3.9312, 0.8998



143.5210, -70.7559, 14.4521



31.5970, -15.5773, 2.9844

Inverse Universe

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



156.5430, 19.9453, -3.9842



192.3930, 30.8653, -6.4837



163.4200, 16.5549, 10.1557



91.0260, 3.9312, -0.8998



19.7780, 70.6084, -13.8373



4.4030, 15.5773, -2.9844

Previews

White Background



This preview shows how the YUV color 191.4570, -19.9453, 3.9842 looks on a white background.

Color Contrast Check

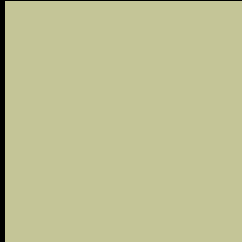
Large Text (above 18pt) WCAG AA × Fail

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 191.4570, -19.9453, 3.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

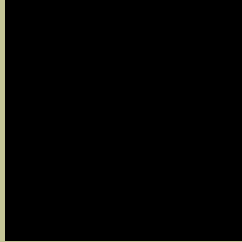
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

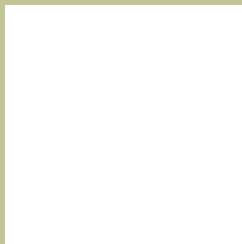
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.4570, -19.9453, 3.9842

Background



This preview shows how black text looks on a background with the YUV color 191.4570, -19.9453, 3.9842.



This preview shows how white text looks on a background with the YUV color 191.4570, -19.9453, 3.9842.

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

191.4570, -19.9453, 3.9842

Protanopia

192.7570, -21.5722, 12.4911

Deuteranopia

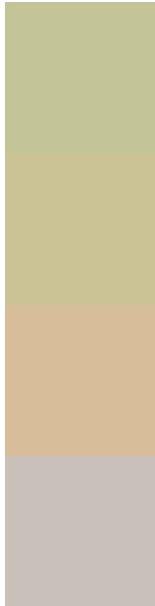
194.1980, -20.3106, 27.8904



Tritanopia

195.5970, 4.6357, 6.4924

Trichromacy



Original Color

191.4570, -19.9453, 3.9842

Protanomaly

192.2620, -20.8352, 9.4172

Deuteranomaly

193.1430, -20.2835, 19.1686

Tritanomaly

194.1810, -4.5262, 5.1033

Monochromacy



Original Color

191.4570, -19.9453, 3.9842

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4570, -19.9453, 3.9842 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(196, 197, 151)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 151)  
}
```

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(196, 197, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 151) }
```

Border

The CSS property to change the border of an element to YUV 191.4570, -19.9453, 3.9842 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(196, 197, 151) }
```


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

```
.border{ border-color:rgb(196, 197, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 151);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 191.4570, -19.9453, 3.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 151) }
```

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

```
.background{ background-color: rgb(196,  
197, 151) }
```

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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