

Converting Colors

YUV(191.8080, -12.2303,
2.7994)

Have a look what the booklet for
YUV(191.8080, -12.2303, 2.7994)
contains.

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Color

**YUV(191.8080, -12.2303,
2.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C3A7
RGB	195, 195, 167
RGB Percent	76%, 76%, 65%
CMY	0.2353, 0.2353, 0.3451
CMYK	0.00, 0.00, 0.14, 0.24
HSL	60°, 19%, 71%
HSV	60°, 14%, 76%
XYZ	48.9958, 53.4223, 44.2884
YIQ	191.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

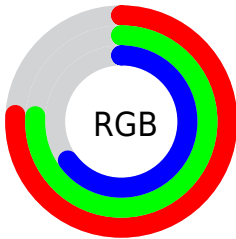
Format	Color
RYB	167, 195, 167
Decimal	12829607
CIELab	78.12, -4.80, 14.10
CIELCh	78, 14.891, 108.799
Yxy	53.4223, 0.3340, 0.3641
Android (android.graphics.Color)	4291019687 (0xFFC3C3A7)
YUV	191.8080, -12.2303, 2.7994
Hunter-Lab	73.0906, -8.2521, 15.2373

Details

The YUV color $191.8080, -12.2303, 2.7994$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $170.1920, 12.2303, -2.7994$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5800, -13.1039, 2.9993$, and $138.0360, -11.3567, 2.5994$ is the 20% darker color. If you saturate the color by 10%, you get $189.6420, -20.5295, 4.6990$, and if you desaturate by 10%, it is $194.0880, -3.4944, 0.7998$.

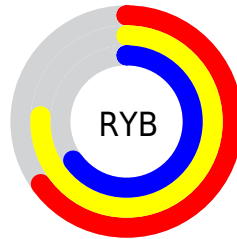
Distribution



Red (76%)

Green (76%)

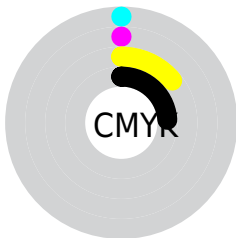
Blue (65%)



Red (65%)

Yellow (76%)

Blue (65%)

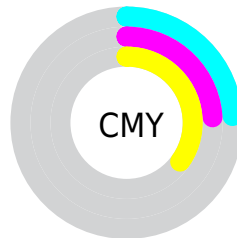


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8080, -12.2303, 2.7994 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 191.8080, -12.2303, 2.7994 by changing the saturation by 10% instead.

■ 191.8080,
-12.2303, 2.7994

■ 191.8080,
-12.2303, 2.7994

■ 255.0000, 0.0000,
0.0000

■ 164.9220,
-11.7935, 2.6994

■ 248.5800,
-13.1039, 2.9993

■ 138.0360,
-11.3567, 2.5994

■ 254.5440, -1.7472,
0.3999

■ 113.0360,
-11.3567, 2.5994

■ 88.2640, -10.4832,
2.3995

■ 65.0790, -9.8989,
1.6847

■ 43.1930, -9.4621,
1.5847

■ 22.4490, -11.0674,

3.1142

■ 0.0000, 0.0000,
0.0000

■ 191.8080,
-12.2303, 2.7994

■ 191.8080,
-12.2303, 2.7994

■ 189.6420,
-20.5295, 4.6990

■ 194.0880, -3.4944,
0.7998

■ 187.3620,
-29.2655, 6.6985

■ 196.2540, 4.8048,
-1.0998

■ 185.1960,
-37.5646, 8.5981

■ 198.5340, 13.5407,
-3.0993

■ 182.9160,
-46.3006, 10.5977

■ 200.7000, 21.8399,
-4.9989

■ 180.7500,
-54.5997, 12.4973

■ 201.8400, 26.2079,
-5.9987

■ 178.4700,
-63.3357, 14.4968

■ 176.3040,
-71.6349, 16.3964

■ 174.0240,
-80.3708, 18.3960

■ 172.7700,
-85.1756, 19.4957

Harmonies

Analogous

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



193.2440, -13.4313, 14.6950



191.8080, -12.2303, 2.7994



190.2840, -7.5350, -9.8961

Triad

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



191.8080, -12.2303, 2.7994



189.5220, 11.5747, -25.8908



195.8760, 1.5401, 19.4027

Complementary

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



191.8080, -12.2303, 2.7994



170.1920, 12.2303, -2.7994

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.



195.5310, 8.1192, 9.1813



191.8080, -12.2303, 2.7994



191.5600, 14.0209, -17.1541

Square

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



191.8080, -12.2303, 2.7994



188.2570, 6.7753, -26.5354



193.5940, 12.5252, -4.0289



195.7750, -5.3121, 23.8763

Rectangle

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



191.8080, -12.2303, 2.7994



188.7930, -2.8559, -17.3585



193.5940, 12.5252, -4.0289



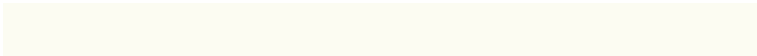
196.0220, 3.4402, 16.6437

Sweetspot

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



191.8080, -12.2303, 2.7994



250.8600, -4.3680, 0.9998



175.3720, -4.1274, 17.2138



127.2020, -3.0576, 0.6998



0.0000, 0.0000, 0.0000



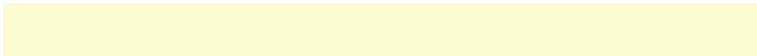
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



191.8080, -12.2303, 2.7994



247.2120, -18.3455, 4.1991



187.6220, -10.1666, -5.8075



95.8600, -4.3680, 0.9998



142.6460, -70.3245, 16.0965



29.2380, -14.4143, 3.2993

Inverse Universe

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



170.1920, 12.2303, -2.7994



214.7880, 18.3455, -4.1991



174.3780, 10.1666, 5.8075



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Previews

White Background



This preview shows how the YUV color 191.8080, -12.2303, 2.7994 looks on a white background.

Color Contrast Check

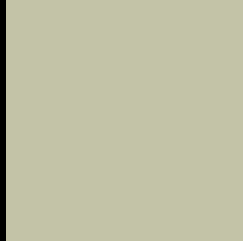
Large Text (above 18pt) WCAG AA × Fail

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 191.8080, -12.2303, 2.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

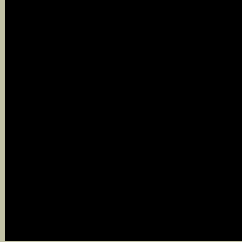
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

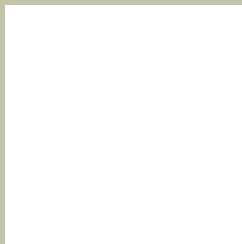
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.8080, -12.2303, 2.7994

Background



This preview shows how black text looks on a background with the YUV color 191.8080, -12.2303, 2.7994.



This preview shows how white text looks on a background with the YUV color 191.8080, -12.2303, 2.7994.

2.7994.

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

191.8080, -12.2303, 2.7994

Protanopia

192.9120, -13.2676, 8.8472

Deuteranopia

194.2280, -12.4374, 22.6020



Tritanopia

194.7000, 5.0779, 4.6481

Trichromacy



Original Color

191.8080, -12.2303, 2.7994

Protanomaly

192.6020, -13.1148, 6.4880

Deuteranomaly

193.1840, -12.4157, 15.6246

Tritanomaly

193.6800, -1.3212, 3.7886

Monochromacy



Original Color

191.8080, -12.2303, 2.7994

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8080, -12.2303, 2.7994 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(195, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 167)  
}
```

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(195, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 167) }
```

Border

The CSS property to change the border of an element to YUV 191.8080, -12.2303, 2.7994 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(195, 195, 167) }
```


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

```
.border{ border-color:rgb(195, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 195,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 191.8080, -12.2303, 2.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 167) }
```

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

```
.background{ background-color: rgb(195,  
195, 167) }
```

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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