

Converting Colors

YUV(191.2190, -25.7440,
-2.8231)

Have a look what the booklet for
YUV(191.2190, -25.7440, -2.8231)
contains.

YUV(191.2190, -25.7440, -2.8231)	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(191.2190, -25.7440,
-2.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCB8B
RGB	188, 203, 139
RGB Percent	74%, 80%, 55%
CMY	0.2627, 0.2039, 0.4549
CMYK	0.07, 0.00, 0.32, 0.20
HSL	74°, 38%, 67%
HSV	74°, 32%, 80%
XYZ	46.7552, 55.2673, 32.6295
YIQ	191.2190, 11.6040, -23.0840

Conversions

Conversions Part 2

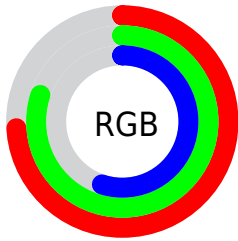
Format	Color
RYB	139, 203, 154
Decimal	12372875
CIELab	79.19, -15.62, 30.29
CIELCh	79, 34.083, 117.283
Yxy	55.2673, 0.3472, 0.4104
Android (android.graphics.Color)	4290562955 (0xFFBCCB8B)
YUV	191.2190, -25.7440, -2.8231
Hunter-Lab	74.3420, -17.8362, 26.0164

Details

The YUV color **191.2190, -25.7440, -2.8231** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150.7810, 25.7440, 2.8231**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.9420, -25.6074, 0.0509**, and **137.5610, -24.4336, -3.1230** is the 20% darker color. If you saturate the color by 10%, you get **187.4440, -33.7429, -3.8974**, and if you desaturate by 10%, it is **194.9940, -17.7450, -1.7487**.

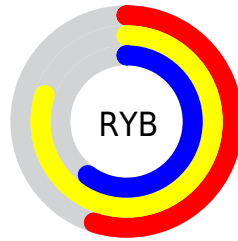
Distribution



Red (74%)

Green (80%)

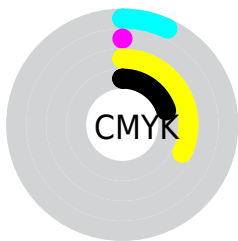
Blue (55%)



Red (55%)

Yellow (80%)

Blue (60%)

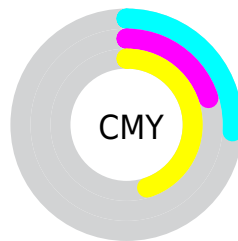


Cyan (7%)

Magenta (0%)

Yellow (32%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2190, -25.7440, -2.8231 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 191.2190, -25.7440, -2.8231 by changing the saturation by 10% instead.

■ 191.2190,
-25.7440, -2.8231

■ 191.2190,
-25.7440, -2.8231

255.0000, 0.0000,
0.0000

■ 164.3330,
-25.3072, -2.9230

■ 244.9420,
-25.6074, 0.0509

■ 137.5610,
-24.4336, -3.1230

■ 251.1240,
-14.8511, 3.3993

■ 111.7890,
-23.5600, -3.3230

■ 254.4300, -2.1840,
0.4999

■ 87.0170, -22.6864,
-3.5229

■ 63.1310, -22.2496,
-3.6229

■ 41.5870, -20.5024,
-4.0228

■ 21.4860, -10.5926,

-9.1962

■ 0.0000, 0.0000,
0.0000

■ 191.2190,
-25.7440, -2.8231

■ 191.2190,
-25.7440, -2.8231

■ 187.4440,
-33.7429, -3.8974

■ 194.9940,
-17.7450, -1.7487

■ 183.5550,
-42.1786, -4.8717

■ 198.8830, -9.3093,
-0.7744

■ 180.0790,
-50.3249, -5.3313

■ 202.3590, -1.1630,
-0.3148

■ 176.3040,
-58.3239, -6.4056

■ 206.1340, 6.8359,
0.7595

■ 172.4150,
-66.7596, -7.3800

■ 210.0230, 15.2717,
1.7338

■ 168.6400,
-74.7585, -8.4543

■ 213.1140, 20.6498,
3.4080

■ 165.5060,
-81.5945, -9.2138

■ 214.3100, 20.0602,
5.8671

■ 215.8050, 19.3231,
8.9410

■ 217.3000, 18.5861,
12.0149

Harmonies

Analogous

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



194.5320, -30.3353, 23.2124



191.2190, -25.7440, -2.8231



186.7730, -12.7061, -31.3729

Triad

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



191.2190, -25.7440, -2.8231



182.4750, 32.7968, -66.1916



200.5960, -0.2938, 47.7123

Complementary

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



191.2190, -25.7440, -2.8231



150.7810, 25.7440, 2.8231

Split Complementary

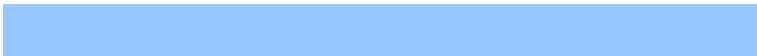
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.7860, 14.8955, 29.1287



191.2190, -25.7440, -2.8231



191.3200, 31.3942, -36.2376

Square

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



191.2190, -25.7440, -2.8231



178.3740, 22.4936, -74.8730



198.5740, 26.3390, -1.3804



197.6490, -14.1240, 50.2968

Rectangle

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



191.2190, -25.7440, -2.8231



183.6380, -1.3005, -49.6715



198.5740, 26.3390, -1.3804



200.9420, 4.9586, 43.0239

Sweetspot

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



191.2190, -25.7440, -2.8231



250.8830, -9.3093, -0.7744



166.9410, -13.7749, 31.6237



125.0940, -5.9623, -0.9594



0.0000, 0.0000, 0.0000



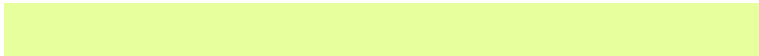
128.0000, 0.0000, 0.0000

Same Dimension

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



191.2190, -25.7440, -2.8231



237.0650, -38.9790, -4.4420



181.6510, -21.0269, -22.4959



100.2620, -4.0732, -0.2298



135.4150, -66.7596, -7.3800



30.9770, -15.2717, -1.7338

Inverse Universe

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



150.7810, 25.7440, 2.8231



175.9350, 38.9790, 4.4420



160.3490, 21.0269, 22.4959



93.7380, 4.0732, 0.2298



30.5850, 66.7596, 7.3800



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 191.2190, -25.7440, -2.8231 looks on a white background.

Color Contrast Check

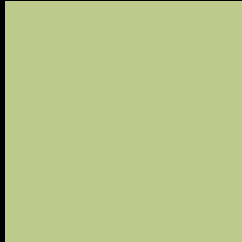
Large Text (above 18pt) WCAG AA × Fail

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 191.2190, -25.7440, -2.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

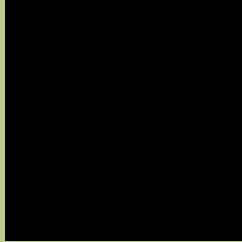
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

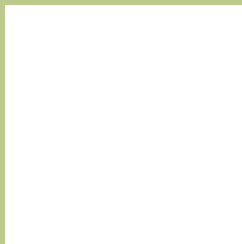
Any Text WCAG AAA ✓ Pass

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

YUV 191.2190, -25.7440, -2.8231 Background



This preview shows how black text looks on a background with the YUV color 191.2190, -25.7440, -2.8231.



This preview shows how white text looks on a background with the YUV color 191.2190, -25.7440, -2.8231.

-2.8231.

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

191.2190, -25.7440, -2.8231

Protanopia

193.9440, -28.5664, 15.8351

Deuteranopia

195.9120, -26.5786, 31.6492



Tritanopia

196.6070, 6.1097, 0.3447

Trichromacy



Original Color

191.2190, -25.7440, -2.8231

Protanomaly

193.1280, -27.6711, 8.6577

Deuteranomaly

193.9490, -26.1039, 19.3387

Tritanomaly

194.6210, -5.2362, -0.5446

Monochromacy



Original Color

191.2190, -25.7440, -2.8231

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8830, -9.3093, -0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2190, -25.7440, -2.8231 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(188, 203, 139)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 139)  
}
```

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(188, 203, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 139) }
```

Border

The CSS property to change the border of an element to YUV 191.2190, -25.7440, -2.8231 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(188, 203, 139) }
```


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

```
.border{ border-color:rgb(188, 203, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 139);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 191.2190, -25.7440, -2.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 139) }
```

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

```
.background{ background-color: rgb(188,  
203, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor