

Converting Colors

YUV(193.2790, -26.7595,
-3.7527)

Have a look what the booklet for
YUV(193.2790, -26.7595, -3.7527)
contains.

YUV(193.2790, -26.7595, -3.7527)	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(193.2790, -26.7595,
-3.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCE8B
RGB	189, 206, 139
RGB Percent	74%, 81%, 55%
CMY	0.2588, 0.1922, 0.4549
CMYK	0.08, 0.00, 0.33, 0.19
HSL	75°, 41%, 68%
HSV	75°, 33%, 81%
XYZ	47.7178, 56.8255, 32.8795
YIQ	193.2790, 11.3750, -24.4410

Conversions

Conversions Part 2

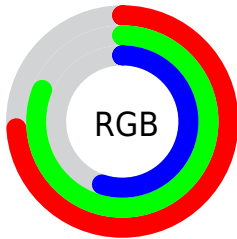
Format	Color
RYB	139, 206, 156
Decimal	12439179
CIELab	80.08, -16.75, 31.48
CIELCh	80, 35.659, 118.023
Yxy	56.8255, 0.3472, 0.4135
Android (android.graphics.Color)	4290629259 (0xFFBDCE8B)
YUV	193.2790, -26.7595, -3.7527
Hunter-Lab	75.3827, -18.9280, 26.9075

Details

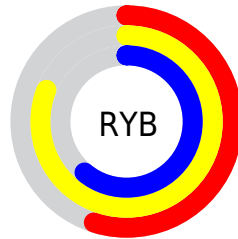
The YUV color **193.2790, -26.7595, -3.7527** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151.7210, 26.7595, 3.7527**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.2410, -25.7548, 0.6656**, and **139.6210, -25.4492, -4.0526** is the 20% darker color. If you saturate the color by 10%, you get **189.3900, -35.1953, -4.7270**, and if you desaturate by 10%, it is **197.1680, -18.3238, -2.7783**.

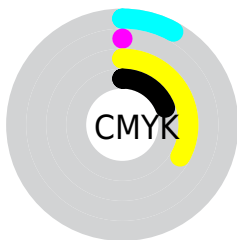
Distribution



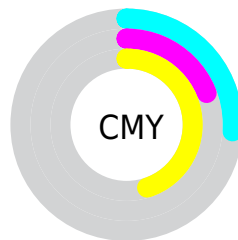
- Red (74%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2790, -26.7595, -3.7527 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 193.2790, -26.7595, -3.7527 by changing the saturation by 10% instead.

■ 193.2790,
-26.7595, -3.7527

■ 193.2790,
-26.7595, -3.7527

255.0000, 0.0000,
0.0000

■ 165.8060,
-26.0334, -3.3379

■ 245.2410,
-25.7548, 0.6656

■ 139.6210,
-25.4492, -4.0526

■ 251.1240,
-14.8511, 3.3993

■ 113.8490,
-24.5756, -4.2526

■ 254.4300, -2.1840,
0.4999

■ 88.9630, -24.1388,
-4.3526

■ 64.7780, -23.5546,
-5.0673

■ 42.7610, -21.0812,
-5.0524

■ 22.9590, -11.3188,

-9.6110

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 193.2790,
-26.7595, -3.7527

■ 193.2790,
-26.7595, -3.7527

■ 189.3900,
-35.1953, -4.7270

■ 197.1680,
-18.3238, -2.7783

■ 185.6150,
-43.1942, -5.8014

■ 200.9430,
-10.3249, -1.7040

■ 181.4270,
-51.4825, -7.3905

■ 205.1310, -2.0366,
-0.1149

■ 177.6520,
-59.4814, -8.4648

■ 208.9060, 5.9623,
0.9594

■ 173.7630,
-67.9172, -9.4392

■ 212.7950, 14.3981,
1.9338

■ 169.8740,
-76.3529, -10.4135

■ 215.7720, 19.3394,
3.7080

■ 166.9680,
-82.3152, -11.3729

■ 217.5660, 18.4550,
7.3966

■ 219.0610, 17.7179,
10.4705

■ 220.5560, 16.9809,
13.5444

Harmonies

Analogous

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



197.0760, -32.0825, 23.6123



193.2790, -26.7595, -3.7527



188.3490, -12.9901, -33.6321

Triad

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



193.2790, -26.7595, -3.7527



183.9090, 34.5549, -70.0802



201.4110, 0.2904, 46.9976

Complementary

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



193.2790, -26.7595, -3.7527



151.7210, 26.7595, 3.7527

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.



203.7970, 14.8901, 30.8730



193.2790, -26.7595, -3.7527



192.7930, 30.6681, -36.6525

Square

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



193.2790, -26.7595, -3.7527



178.9110, 24.6939, -80.6059



200.9870, 26.6284, -0.8656



198.8230, -14.7027, 49.2672

Rectangle

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



193.2790, -26.7595, -3.7527



184.8440, -0.4161, -53.3602



200.9870, 26.6284, -0.8656



203.2520, 4.8058, 45.3830

Sweetspot

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



193.2790, -26.7595, -3.7527



250.3560, -10.0355, -1.1892



169.0120, -14.7959, 32.4385



124.9800, -6.3991, -0.8595



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.



193.2790, -26.7595, -3.7527



236.2390, -39.5578, -5.4716



183.4120, -21.8951, -24.0403



99.9630, -3.9258, -0.8446



134.5180, -66.3174, -9.2243



30.9770, -15.2717, -1.7338

Inverse Universe

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



151.7210, 26.7595, 3.7527



174.7610, 39.5578, 5.4716



161.5880, 21.8951, 24.0403



93.7380, 4.0732, 0.2298



31.4820, 66.3174, 9.2243



7.3220, 15.1243, 2.3486

Previews

White Background



This preview shows how the YUV color 193.2790, -26.7595, -3.7527 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 193.2790, -26.7595, -3.7527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

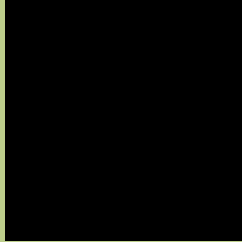
Any Text WCAG AA ✓ Pass

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 193.2790, -26.7595, -3.7527 Background



This preview shows how black text looks on a background with the YUV color 193.2790, -26.7595, -3.7527.



This preview shows how white text looks on a background with the YUV color 193.2790, -26.7595, -3.7527.

-3.7527.

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

193.2790, -26.7595, -3.7527

Protanopia

196.0150, -29.5874, 16.6498

Deuteranopia

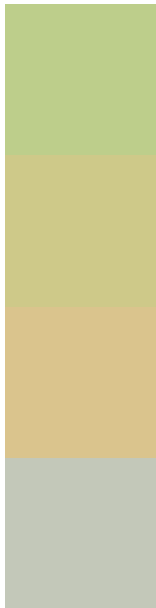
197.9830, -27.5996, 32.4639



Tritanopia

199.3080, 6.2572, -0.2701

Trichromacy



Original Color

193.2790, -26.7595, -3.7527

Protanomaly

195.1990, -28.6921, 9.4725

Deuteranomaly

196.3080, -27.2668, 19.0239

Tritanomaly

196.7950, -5.8149, -1.5742

Monochromacy



Original Color

193.2790, -26.7595, -3.7527

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.3560, -10.0355, -1.1892

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2790, -26.7595, -3.7527 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(189, 206, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 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(189, 206, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 139) }
```

Border

The CSS property to change the border of an element to YUV 193.2790, -26.7595, -3.7527 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(189, 206, 139) }
```


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

```
.border{ border-color:rgb(189, 206, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 139);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 193.2790, -26.7595, -3.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 139) }
```

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

```
.background{ background-color: rgb(189,  
206, 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