

Converting Colors

YUV(211.1190, -20.7647,
-13.2594)

Have a look what the booklet for
YUV(211.1190, -20.7647, -13.2594)
contains.

YUV(211.1190, -20.7647, -13.2594)	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(211.1190, -20.7647,
-13.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E3A9
RGB	196, 227, 169
RGB Percent	77%, 89%, 66%
CMY	0.2314, 0.1098, 0.3373
CMYK	0.14, 0.00, 0.26, 0.11
HSL	92°, 51%, 78%
HSV	92°, 26%, 89%
XYZ	57.3955, 69.5385, 47.9333
YIQ	211.1190, 0.1420, -24.6100

Conversions

Conversions Part 2

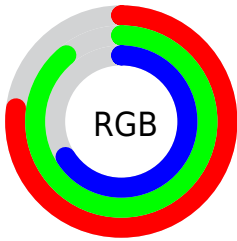
Format	Color
RYB	169, 227, 200
Decimal	12903337
CIELab	86.77, -20.35, 25.05
CIELCh	87, 32.273, 129.101
Yxy	69.5385, 0.3282, 0.3977
Android (android.graphics.Color)	4291093417 (0xFFC4E3A9)
YUV	211.1190, -20.7647, -13.2594
Hunter-Lab	83.3898, -23.0741, 24.2923

Details

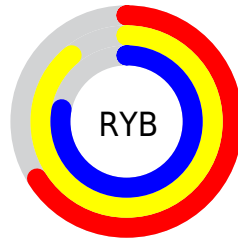
The YUV color $211.1190, -20.7647, -13.2594$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $184.8810, 20.7647, 13.2594$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8680, -13.2459, 1.8698$, and $156.7600, -19.6017, -12.9445$ is the 20% darker color. If you saturate the color by 10%, you get $204.9090, -29.0421, -18.3372$, and if you desaturate by 10%, it is $217.3290, -12.4872, -8.1815$.

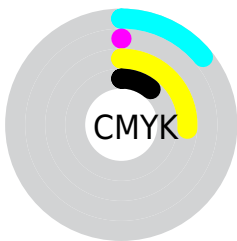
Distribution



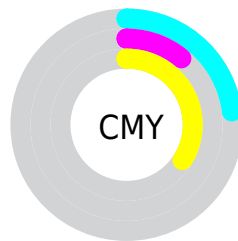
- Red (77%)
- Green (89%)
- Blue (66%)



- Red (66%)
- Yellow (89%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.1190, -20.7647, -13.2594 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 211.1190, -20.7647, -13.2594 by changing the saturation by 10% instead.

■ 211.1190,
-20.7647, -13.2594

■ 211.1190,
-20.7647, -13.2594

255.0000, 0.0000,
0.0000

■ 183.2330,
-20.3279, -13.3593

■ 250.8680,
-13.2459, 1.8698

■ 156.7600,
-19.6017, -12.9445

■ 254.7720, -0.8736,
0.2000

■ 130.2870,
-18.8755, -12.5297

■ 104.5150,
-18.0019, -12.7297

■ 80.0420, -17.2757,
-12.3148

■ 57.0420, -17.2757,
-12.3148

■ 34.4550, -16.9863,

-11.8000

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 211.1190,
-20.7647, -13.2594

■ 211.1190,
-20.7647, -13.2594

■ 204.9090,
-29.0421, -18.3372

■ 217.3290,
-12.4872, -8.1815

■ 198.8130,
-36.8828, -23.5150

■ 223.4250, -4.6465,
-3.0037

■ 192.6030,
-45.1603, -28.5928

■ 229.6350, 3.6309,
2.0741

■ 186.0940,
-53.2903, -34.2854

■ 235.5740, 9.5770,
8.2666

■ 179.9980,
-61.1310, -39.4632

■ 238.5640, 8.1029,
14.4144

■ 173.7880,
-69.4085, -44.5411

■ 167.5780,
-77.6860, -49.6189

■ 164.9430,
-81.3169, -51.6930

Harmonies

Analogous

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



214.6340, -28.4136, 13.4760



211.1190, -20.7647, -13.2594



207.0260, -6.4218, -40.3648

Triad

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



211.1190, -20.7647, -13.2594



206.5820, 23.8701, -49.6224



214.5360, -2.7292, 35.4869

Complementary

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



211.1190, -20.7647, -13.2594



184.8810, 20.7647, 13.2594

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.



219.8310, 9.9433, 30.8432



211.1190, -20.7647, -13.2594



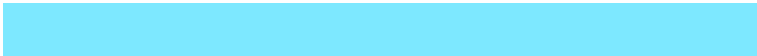
213.8570, 20.2835, -19.1686

Square

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



211.1190, -20.7647, -13.2594



202.6290, 25.8189, -68.0806



219.9580, 17.2757, 12.3148



213.5780, -16.5540, 36.3271

Rectangle

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



211.1190, -20.7647, -13.2594



203.7280, 5.5571, -55.8895



219.9580, 17.2757, 12.3148



215.6760, 1.6387, 34.4871

Sweetspot

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



211.1190, -20.7647, -13.2594



249.4310, -7.1145, -4.7630



204.5390, -17.5207, 19.6983



124.4250, -4.6465, -3.0037



0.0000, 0.0000, 0.0000



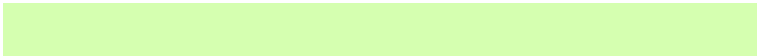
128.0000, 0.0000, 0.0000

Same Dimension

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



211.1190, -20.7647, -13.2594



233.4360, -28.3159, -17.9224



203.2740, -15.9111, -30.0583



111.8380, -4.3571, -2.4889



129.8900, -64.0358, -41.1225



37.1130, -18.2967, -11.5001

Inverse Universe

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



184.8810, 20.7647, 13.2594



197.5640, 28.3159, 17.9224



192.7260, 15.9111, 30.0583



106.1620, 4.3571, 2.4889



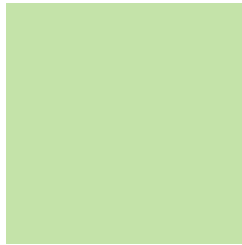
48.8110, 64.1832, 40.5078



13.8870, 18.2967, 11.5001

Previews

White Background



This preview shows how the YUV color 211.1190, -20.7647, -13.2594 looks on a white background.

Color Contrast Check

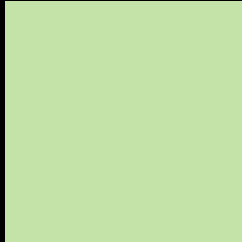
Large Text (above 18pt) WCAG AA × Fail

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 211.1190, -20.7647, -13.2594 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 211.1190, -20.7647, -13.2594 Background



This preview shows how black text looks on a background with the YUV color 211.1190, -20.7647, -13.2594.



This preview shows how white text looks on a background with the YUV color 211.1190, -20.7647, -13.2594.

-13.2594.

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**

211.1190, -20.7647, -13.2594

Protanopia

215.4430, -25.3614, 14.5205

Deuteranopia

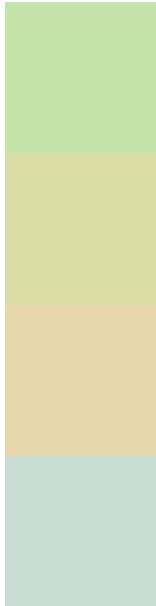
217.4650, -21.9212, 31.1642



Tritanopia

216.4640, 9.6312, -9.1769

Trichromacy



Original Color

211.1190, -20.7647, -13.2594

Protanomaly

214.1320, -23.7291, 4.2692

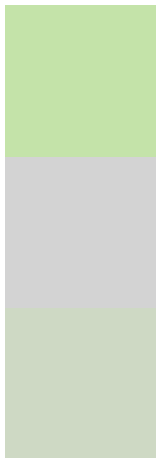
Deuteranomaly

215.1810, -21.2882, 14.7503

Tritanomaly

214.2930, -1.1304, -10.7810

Monochromacy



Original Color

211.1190, -20.7647, -13.2594

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.3170, -7.5513, -4.6630

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.1190, -20.7647, -13.2594 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, 227, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 169)  
}
```

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, 227, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 169) }
```

Border

The CSS property to change the border of an element to YUV 211.1190, -20.7647, -13.2594 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, 227, 169) }
```


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

```
.border{ border-color:rgb(196, 227, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 227, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 227, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 227, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 227,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 211.1190, -20.7647, -13.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 169) }
```

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

```
.background{ background-color: rgb(196,  
227, 169) }
```

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