

Converting Colors

YUV(217.1190, -20.7647,
-13.2594)

Have a look what the booklet for
YUV(217.1190, -20.7647, -13.2594)
contains.

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Color

**YUV(217.1190, -20.7647,
-13.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE9AF
RGB	202, 233, 175
RGB Percent	79%, 91%, 69%
CMY	0.2078, 0.0863, 0.3137
CMYK	0.13, 0.00, 0.25, 0.09
HSL	92°, 57%, 80%
HSV	92°, 25%, 91%
XYZ	61.2339, 73.9295, 51.5999
YIQ	217.1190, 0.1420, -24.6100

Conversions

Conversions Part 2

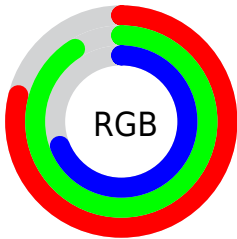
Format	Color
RYB	175, 233, 206
Decimal	13298095
CIELab	88.89, -20.27, 24.91
CIElCh	89, 32.119, 129.131
Yxy	73.9295, 0.3279, 0.3958
Android (android.graphics.Color)	4291488175 (0xFFCAE9AF)
YUV	217.1190, -20.7647, -13.2594
Hunter-Lab	85.9823, -23.3469, 24.6063

Details

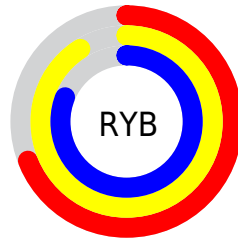
The YUV color $217.1190, -20.7647, -13.2594$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $190.8810, 20.7647, 13.2594$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $161.7600, -19.6017, -12.9445$ is the 20% darker color. If you saturate the color by 10%, you get $210.9090, -29.0421, -18.3372$, and if you desaturate by 10%, it is $223.3290, -12.4872, -8.1815$.

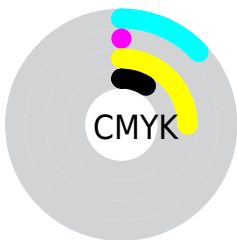
Distribution



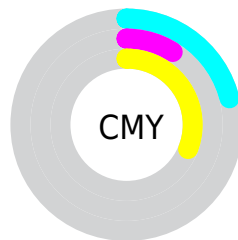
- Red (79%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1190, -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 217.1190, -20.7647, -13.2594 by changing the saturation by 10% instead.

■ 217.1190,
-20.7647, -13.2594

■ 217.1190,
-20.7647, -13.2594

255.0000, 0.0000,
0.0000

■ 189.2330,
-20.3279, -13.3593

■ 252.2640,
-10.4832, 2.3995

■ 161.7600,
-19.6017, -12.9445

■ 135.2870,
-18.8755, -12.5297

■ 110.4010,
-18.4387, -12.6297

■ 85.0420, -17.2757,
-12.3148

■ 61.4550, -16.9863,
-11.8000

■ 38.9280, -17.7125,

-12.2149

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 217.1190,
-20.7647, -13.2594

■ 217.1190,
-20.7647, -13.2594

■ 210.9090,
-29.0421, -18.3372

■ 223.3290,
-12.4872, -8.1815

■ 204.2860,
-37.6090, -23.9298

■ 229.9520, -3.9203,
-2.5889

■ 198.0760,
-45.8865, -29.0077

■ 236.1620, 4.3571,
2.4889

■ 191.5670,
-54.0165, -34.7003

■ 241.1890, 6.8088,
9.4812

■ 185.3570,
-62.2940, -39.7781

■ 242.0860, 6.3666,
11.3256

■ 178.7340,
-70.8609, -45.3707

■ 172.5240,
-79.1383, -50.4485

■ 169.0630,
-83.3481, -53.5523

Harmonies

Analogous

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



220.6340, -28.4136, 13.4760



217.1190, -20.7647, -13.2594



213.0260, -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.



217.1190, -20.7647, -13.2594



212.1970, 21.1019, -48.4078



218.7420, -1.8448, 31.7983

Complementary

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



217.1190, -20.7647, -13.2594



190.8810, 20.7647, 13.2594

Split Complementary

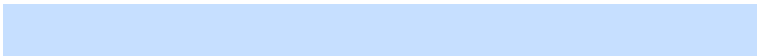
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.0370, 10.8278, 27.1546



217.1190, -20.7647, -13.2594



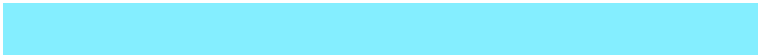
219.1730, 17.6627, -18.5687

Square

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



217.1190, -20.7647, -13.2594



208.2440, 23.0507, -66.8660



225.2740, 14.6549, 12.9147



217.7840, -15.6695, 32.6384

Rectangle

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



217.1190, -20.7647, -13.2594



210.0270, 5.4097, -55.2747



225.2740, 14.6549, 12.9147



219.8820, 2.5232, 30.7985

Sweetspot

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



217.1190, -20.7647, -13.2594



249.9580, -6.3883, -4.3482



210.5390, -17.5207, 19.6983



124.9520, -3.9203, -2.5889



0.0000, 0.0000, 0.0000



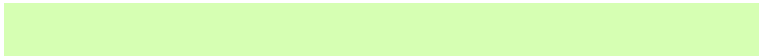
128.0000, 0.0000, 0.0000

Same Dimension

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



217.1190, -20.7647, -13.2594



234.0770, -27.1530, -17.6075



209.2740, -15.9111, -30.0583



113.9520, -3.9203, -2.5889



131.3630, -64.7620, -41.5374



39.1730, -19.3123, -12.4297

Inverse Universe

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



190.8810, 20.7647, 13.2594



199.6240, 27.3004, 16.9928



198.7260, 15.9111, 30.0583



109.0480, 3.9203, 2.5889



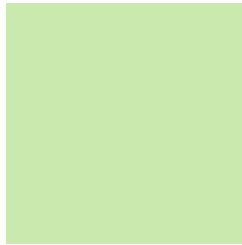
49.6370, 64.7620, 41.5374



14.8270, 19.3123, 12.4297

Previews

White Background



This preview shows how the YUV color 217.1190, -20.7647, -13.2594 looks on a white background.

Color Contrast Check

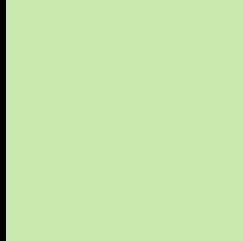
Large Text (above 18pt) WCAG AA × Fail

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 217.1190, -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 217.1190, -20.7647, -13.2594 Background



This preview shows how black text looks on a background with the YUV color 217.1190, -20.7647, -13.2594.



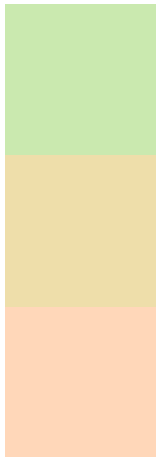
This preview shows how white text looks on a background with the YUV color 217.1190, -20.7647, -13.2594.

-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

217.1190, -20.7647, -13.2594

Protanopia

220.8560, -25.0720, 15.0353

Deuteranopia

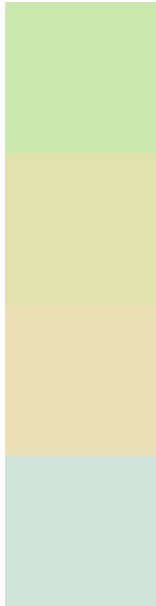
223.5400, -19.0002, 27.5904



Tritanopia

222.4640, 9.6312, -9.1769

Trichromacy



Original Color

217.1190, -20.7647, -13.2594

Protanomaly

219.5450, -23.4397, 4.7840

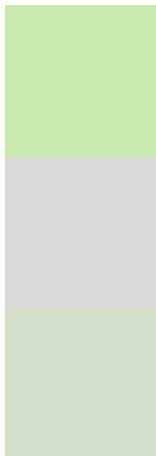
Deuteranomaly

221.5120, -19.9724, 12.7060

Tritanomaly

220.2930, -1.1304, -10.7810

Monochromacy



Original Color

217.1190, -20.7647, -13.2594

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.3170, -7.5513, -4.6630

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1190, -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(202, 233, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 233, 175)  
}
```

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(202, 233, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 233, 175) }
```

Border

The CSS property to change the border of an element to YUV 217.1190, -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(202, 233, 175) }
```


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

```
.border{ border-color:rgb(202, 233, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 233, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 233, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 233, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 233,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 217.1190, -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(202, 233, 175) }
```

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

```
.background{ background-color: rgb(202,  
233, 175) }
```

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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