

Converting Colors

YUV(199.8110, -20.1198,
13.3208)

Have a look what the booklet for
YUV(199.8110, -20.1198, 13.3208)
contains.

YUV(199.8110, -20.1198, 13.3208)	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(199.8110, -20.1198,
13.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C89F
RGB	215, 200, 159
RGB Percent	84%, 78%, 62%
CMY	0.1569, 0.2157, 0.3765
CMYK	0.00, 0.07, 0.26, 0.16
HSL	44°, 41%, 73%
HSV	44°, 26%, 84%
XYZ	54.9366, 58.2588, 41.1505
YIQ	199.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

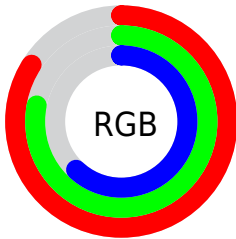
Format	Color
RYB	179, 215, 159
Decimal	14141599
CIELab	80.88, -1.10, 22.44
CIELCh	81, 22.466, 92.808
Yxy	58.2588, 0.3559, 0.3775
Android (android.graphics.Color)	4292331679 (0xFFD7C89F)
YUV	199.8110, -20.1198, 13.3208
Hunter-Lab	76.3275, -5.0979, 21.4642

Details

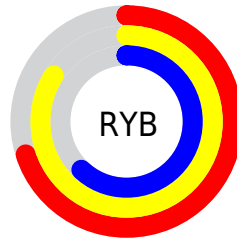
The YUV color $199.8110, -20.1198, 13.3208$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.1890, 20.1198, -13.3208$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $145.7400, -19.0988, 12.5060$ is the 20% darker color. If you saturate the color by 10%, you get $193.8950, -27.5562, 18.5091$, and if you desaturate by 10%, it is $205.8410, -12.2466, 8.0324$.

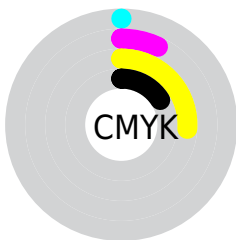
Distribution



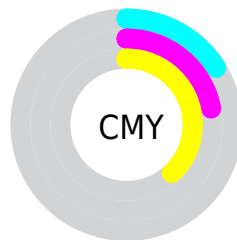
- Red (84%)
- Green (78%)
- Blue (62%)



- Red (70%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8110, -20.1198, 13.3208 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 199.8110, -20.1198, 13.3208 by changing the saturation by 10% instead.

■ 199.8110,
-20.1198, 13.3208

■ 199.8110,
-20.1198, 13.3208

255.0000, 0.0000,
0.0000

■ 172.6260,
-19.5356, 12.6060

■ 250.3260,
-17.9087, 4.0991

■ 145.7400,
-19.0988, 12.5060

■ 253.5180, -5.6784,
1.2997

■ 120.2560,
-18.3672, 11.1765

■ 95.0710, -17.7830,
10.4617

■ 71.0000, -16.7620,
9.6470

■ 48.5160, -16.0304,
8.3175

■ 28.0860, -13.8464,

7.8176

■ 2.9460, -1.4524,
-0.8296

■ 0.0000, 0.0000,
0.0000

■ 199.8110,
-20.1198, 13.3208

■ 199.8110,
-20.1198, 13.3208

■ 193.8950,
-27.5562, 18.5091

■ 205.8410,
-12.2466, 8.0324

■ 187.8650,
-35.4294, 23.7974

■ 211.7570, -4.8102,
2.8441

■ 182.4220,
-43.5920, 28.5709

■ 217.2000, 3.3524,
-1.9294

■ 176.5060,
-51.0285, 33.7592

■ 223.1160, 10.7888,
-7.1177

■ 170.5900,
-58.4649, 38.9476

■ 227.7780, 13.4204,
-11.2063

■ 164.5600,
-66.3381, 44.2359

■ 231.3000, 11.6841,
-14.2951

■ 159.1170,
-74.5007, 49.0094

■ 234.2350, 10.2371,
-16.8691

■ 156.4440,
-77.1269, 51.3536

■ 237.7570, 8.5008,
-19.9579

■ 241.2790, 6.7645,
-23.0467

Harmonies

Analogous

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



201.6540, -18.5634, 27.4904



199.8110, -20.1198, 13.3208



197.1400, -15.8450, -4.5078

Triad

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



199.8110, -20.1198, 13.3208



192.6230, 14.9759, -43.5194



204.7930, 7.4971, 22.1065

Complementary

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



199.8110, -20.1198, 13.3208



174.1890, 20.1198, -13.3208

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.



203.2620, 16.1398, 3.2782



199.8110, -20.1198, 13.3208



195.4590, 20.4797, -35.4825

Square

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



199.8110, -20.1198, 13.3208



192.6100, 4.6293, -38.2460



199.6830, 20.8623, -18.1390



204.6390, -2.2870, 33.6426

Rectangle

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



199.8110, -20.1198, 13.3208



195.8440, -10.2761, -17.4032



199.6830, 20.8623, -18.1390



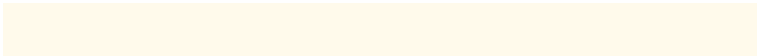
203.9710, 10.8603, 16.6884

Sweetspot

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



199.8110, -20.1198, 13.3208



249.7850, -7.2890, 4.5736



177.5680, -1.2660, 32.8279



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



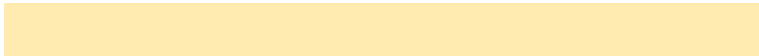
128.0000, 0.0000, 0.0000

Same Dimension

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



199.8110, -20.1198, 13.3208



233.6670, -28.4298, 18.7090



205.0280, -22.6918, -1.7786



103.9850, -3.9366, 2.6442



124.5040, -61.3805, 40.7770



31.6410, -15.5990, 9.9618

Inverse Universe

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



174.1890, 20.1198, -13.3208



197.3330, 28.4298, -18.7090



168.9720, 22.6918, 1.7786



99.0150, 3.9366, -2.6442



46.4960, 61.3805, -40.7770



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 199.8110, -20.1198, 13.3208 looks on a white background.

Color Contrast Check

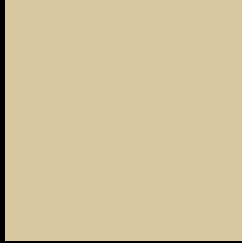
Large Text (above 18pt) WCAG AA × Fail

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 199.8110, -20.1198, 13.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

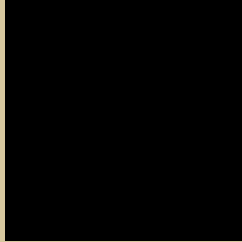
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

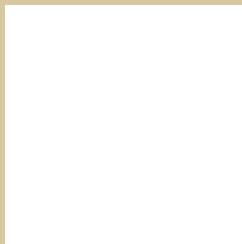
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.8110, -20.1198, 13.3208

Background



This preview shows how black text looks on a background with the YUV color 199.8110, -20.1198, 13.3208.



This preview shows how white text looks on a background with the YUV color 199.8110, -20.1198, 13.3208.

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

199.8110, -20.1198, 13.3208

Protanopia

199.5120, -19.9724, 12.7060

Deuteranopia

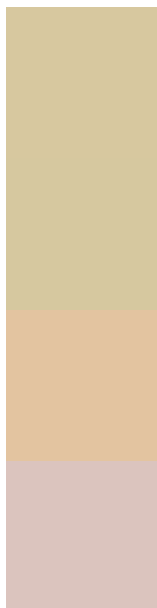
201.4970, -20.4580, 28.5051



Tritanopia

203.0820, 2.4246, 15.7141

Trichromacy



Original Color

199.8110, -20.1198, 13.3208

Protanomaly

199.5120, -19.9724, 12.7060

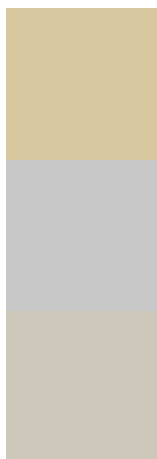
Deuteranomaly

201.1650, -20.2943, 22.6573

Tritanomaly

202.1930, -6.0111, 14.7397

Monochromacy



Original Color

199.8110, -20.1198, 13.3208

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8110, -20.1198, 13.3208 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(215, 200, 159)` looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 159)  
}
```

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(215, 200, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 159) }
```

Border

The CSS property to change the border of an element to YUV 199.8110, -20.1198, 13.3208 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(215, 200, 159) }
```


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

```
.border{ border-color:rgb(215, 200, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 200, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 159);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 199.8110, -20.1198, 13.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 159) }
```

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

```
.background{ background-color: rgb(215,  
200, 159) }
```

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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