

Converting Colors

YUV(199.2790, 3.3135,
-36.2017)

Have a look what the booklet for
YUV(199.2790, 3.3135, -36.2017)
contains.

YUV(199.2790, 3.3135, -36.2017)	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(199.2790, 3.3135,
-36.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDBCE
RGB	158, 219, 206
RGB Percent	62%, 86%, 81%
CMY	0.3804, 0.1412, 0.1922
CMYK	0.28, 0.00, 0.06, 0.14
HSL	167°, 46%, 74%
HSV	167°, 28%, 86%
XYZ	50.5726, 62.3884, 67.7692
YIQ	199.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

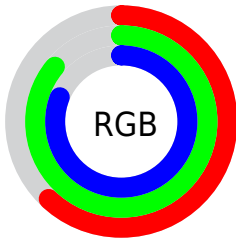
Format	Color
RYB	158, 192, 219
Decimal	10410958
CIELab	83.12, -22.08, 0.14
CIELCh	83, 22.077, 179.649
Yxy	62.3884, 0.2798, 0.3452
Android (android.graphics.Color)	4288601038 (0xFF9EDBCE)
YUV	199.2790, 3.3135, -36.2017
Hunter-Lab	78.9863, -23.9377, 4.4204

Details

The YUV color $199.2790, 3.3135, -36.2017$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $177.7210, -3.3135, 36.2017$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7410, 6.0437, -25.2059$, and $144.9910, 3.4554, -35.0721$ is the 20% darker color. If you saturate the color by 10%, you get $192.1310, 4.3724, -49.2269$, and if you desaturate by 10%, it is $206.4270, 2.2545, -23.1765$.

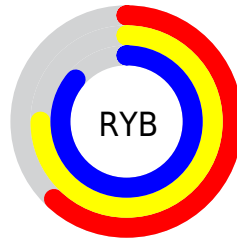
Distribution



Red (62%)

Green (86%)

Blue (81%)



Red (62%)

Yellow (75%)

Blue (86%)

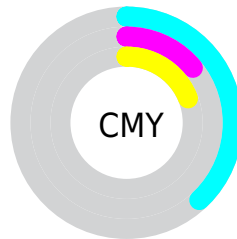


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2790, 3.3135, -36.2017 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 199.2790, 3.3135, -36.2017 by changing the saturation by 10% instead.

■ 199.2790, 3.3135,
-36.2017

■ 199.2790, 3.3135,
-36.2017

255.0000, 0.0000,
0.0000

■ 171.6920, 3.6028,
-35.6869

■ 242.7410, 6.0437,
-25.2059

■ 144.9910, 3.4554,
-35.0721

■ 251.4120, 1.7689,
-7.3773

■ 118.4040, 3.7448,
-34.5573

■ 93.1050, 3.8922,
-35.1721

■ 67.6210, 4.6238,
-36.5016

■ 43.1370, 5.3555,
-37.8311

■ 27.8290, 2.5493,

-24.4060

■ 12.2930, -1.1304,
-10.7810

■ 0.0000, 0.0000,
0.0000

■ 199.2790, 3.3135,
-36.2017

■ 199.2790, 3.3135,
-36.2017

■ 192.1310, 4.3724,
-49.2269

■ 206.4270, 2.2545,
-23.1765

■ 185.0970, 5.8682,
-62.3521

■ 213.4610, 0.7587,
-10.0513

■ 177.9490, 6.9271,
-75.3773

■ 220.6090, -0.3002,
2.9739

■ 170.8010, 7.9861,
-88.4025

■ 227.7570, -1.3592,
15.9991

■ 164.0660, 9.3345,
-100.9129

■ 230.9040, -0.9387,
21.1322

■ 156.9180, 10.3934,
-113.9381

■ 231.4740, 1.2453,
20.6323

■ 149.7700, 11.4524,
-126.9633

■ 232.0440, 3.4293,
20.1324

■ 148.1610, 11.7526,
-129.9372

■ 232.5000, 5.1765,
19.7325

■ 233.0700, 7.3605,
19.2326

Harmonies

Analogous

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



201.3920, -8.0813, -21.3918



199.2790, 3.3135, -36.2017



198.9930, 13.8075, -42.0899

Triad

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



199.2790, 3.3135, -36.2017



209.0660, 16.7295, 0.8191



208.4800, -17.9846, 28.5200

Complementary

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



199.2790, 3.3135, -36.2017



177.7210, -3.3135, 36.2017

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.



209.9460, -11.3124, 35.1274



199.2790, 3.3135, -36.2017



211.0100, 8.3761, 20.1622

Square

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



199.2790, 3.3135, -36.2017



205.6720, 20.8677, -19.8833



211.1550, -1.5554, 32.3131



205.9360, -19.6884, 14.9651

Rectangle

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



199.2790, 3.3135, -36.2017



200.2690, 18.6014, -39.7009



211.1550, -1.5554, 32.3131



208.9580, -16.2483, 31.6088

Sweetspot

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



199.2790, 3.3135, -36.2017



248.5640, 1.2009, -11.8956



197.6940, -19.5691, -23.4106



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



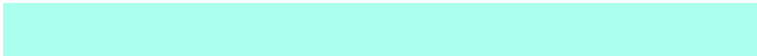
128.0000, 0.0000, 0.0000

Same Dimension

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



199.2790, 3.3135, -36.2017



227.8320, 4.5198, -49.8417



190.7820, 13.9115, -28.7498



106.3690, 0.3111, -6.4626



117.0550, 9.3399, -102.6572



31.1060, 2.4127, -27.2800

Inverse Universe

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



177.7210, -3.3135, 36.2017



198.1680, -4.5198, 49.8417



186.2180, -13.9115, 28.7498



102.5170, -0.7479, 6.5626



55.9450, -9.3399, 102.6572



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 199.2790, 3.3135, -36.2017 looks on a white background.

Color Contrast Check

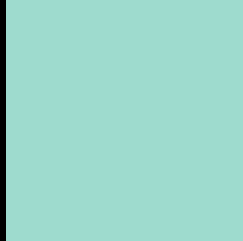
Large Text (above 18pt) WCAG AA × Fail

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 199.2790, 3.3135, -36.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

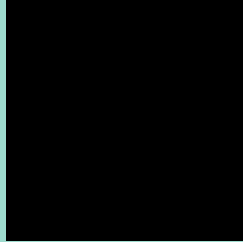
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.2790, 3.3135, -36.2017

Background



This preview shows how black text looks on a background with the YUV color 199.2790, 3.3135, -36.2017.

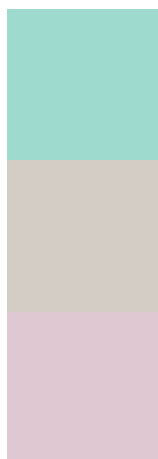


This preview shows how white text looks on a background with the YUV color 199.2790, 3.3135,

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

199.2790, 3.3135, -36.2017

Protanopia

206.2950, -4.0894, 5.0033

Deuteranopia

208.3160, 0.8302, 13.7549



Tritanopia

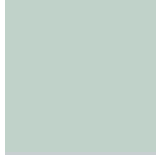
201.6890, 14.9433, -33.0533

Trichromacy



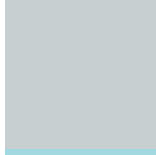
Original Color

199.2790, 3.3135, -36.2017



Protanomaly

203.5920, -1.2779, -10.1662



Deuteranomaly

205.1350, 1.9054, -4.5034



Tritanomaly

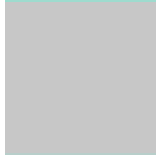
200.6520, 11.0176, -33.8978

Monochromacy



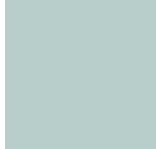
Original Color

199.2790, 3.3135, -36.2017



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9660, 1.4958, -13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2790, 3.3135, -36.2017 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(158, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 206)  
}
```

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(158, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 206) }
```

Border

The CSS property to change the border of an element to YUV 199.2790, 3.3135, -36.2017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

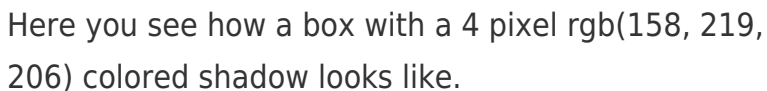
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 219, 206) }
```


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

```
.border{ border-color:rgb(158, 219, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 199.2790, 3.3135, -36.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 206) }
```

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

```
.background{ background-color: rgb(158,  
219, 206) }
```

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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