

Converting Colors

YUV(200.3250, -6.5692,
-39.7500)

Have a look what the booklet for
YUV(200.3250, -6.5692, -39.7500)
contains.

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Color

**YUV(200.3250, -6.5692,
-39.7500)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BE2BB |
| RGB | 155, 226, 187 |
| RGB Percent | 61%, 89%, 73% |
| CMY | 0.3922, 0.1137, 0.2667 |
| CMYK | 0.31, 0.00, 0.17, 0.11 |
| HSL | 147°, 55%, 75% |
| HSV | 147°, 31%, 89% |
| XYZ | 49.6836, 64.9491, 56.9315 |
| YIQ | 200.3250, -29.7970, -27.1810 |

Conversions

Conversions Part 2

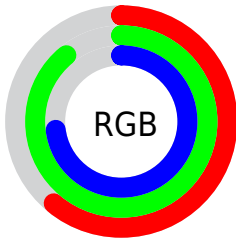
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 204, 226 |
| Decimal | 10216123 |
| CIELab | 84.46, -30.23, 12.08 |
| CIELCh | 84, 32.556, 158.223 |
| Yxy | 64.9491, 0.2896, 0.3786 |
| Android (android.graphics.Color) | 4288406203 (0xFF9BE2BB) |
| YUV | 200.3250, -6.5692, -39.7500 |
| Hunter-Lab | 80.5910, -30.9908, 14.5298 |

Details

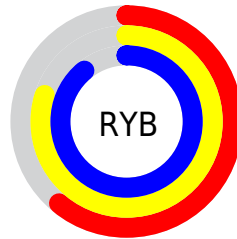
The YUV color **200.3250, -6.5692, -39.7500** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180.6750, 6.5692, 39.7500**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4760, 1.2443, -25.8505**, and **145.2650, -5.5536, -38.8204** is the 20% darker color. If you saturate the color by 10%, you get **192.0800, -8.4204, -52.6902**, and if you desaturate by 10%, it is **208.5700, -4.7180, -26.8099**.

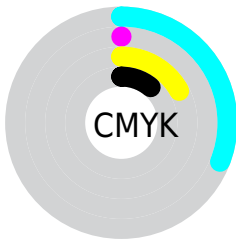
Distribution



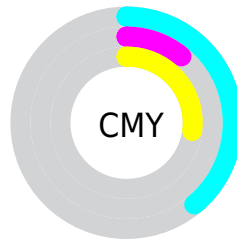
- Red (61%)
- Green (89%)
- Blue (73%)



- Red (61%)
- Yellow (80%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3250, -6.5692, -39.7500 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 200.3250, -6.5692, -39.7500 by changing the saturation by 10% instead.

 200.3250, -6.5692,
-39.7500


 200.3250, -6.5692,
-39.7500

255.0000, 0.0000,
0.0000


 172.7380, -6.2798,
-39.2352


 240.4760, 1.2443,
-25.8505


 145.2650, -5.5536,
-38.8204

 250.5150, 2.2111,
-9.2217

 119.2650, -5.5536,
-38.8204

 93.4930, -4.6800,
-39.0204

 67.2260, -3.0694,
-42.2942

 44.3620, -2.6435,
-38.9055

 28.4670, -5.1602,

-24.9656

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 200.3250, -6.5692,
-39.7500

■ 200.3250, -6.5692,
-39.7500

■ 192.0800, -8.4204,
-52.6902

■ 208.5700, -4.7180,
-26.8099

■ 184.0200,
-10.8559, -64.9155

■ 216.6300, -2.2826,
-14.5845

■ 175.7750,
-12.7071, -77.8557

■ 224.8750, -0.4314,
-1.6444

■ 167.7150,
-15.1425, -90.0811

■ 232.9350, 2.0040,
10.5810

■ 159.4700,
-16.9937, -103.0212

■ 237.2930, 5.7716,
15.5290

■ 151.2250,
-18.8449, -115.9613

■ 237.9770, 8.3923,
14.9292

■ 144.2900,
-20.8490, -126.5423

Harmonies

Analogous

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



204.4180, -20.9121, -12.6446



200.3250, -6.5692, -39.7500



196.0630, 10.8149, -62.3223

Triad

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



200.3250, -6.5692, -39.7500



207.9430, 23.1991, -20.9980



208.7850, -17.1490, 40.5306

Complementary

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



200.3250, -6.5692, -39.7500



180.6750, 6.5692, 39.7500

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.



209.7430, -3.3243, 39.6904



200.3250, -6.5692, -39.7500



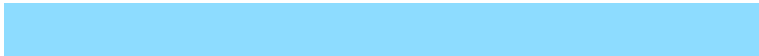
214.0440, 20.1913, 10.4854

Square

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



200.3250, -6.5692, -39.7500



200.3690, 26.9331, -52.0666



215.0380, 9.3483, 35.0467



210.8910, -28.0473, 36.0526

Rectangle

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



200.3250, -6.5692, -39.7500



195.1790, 21.6038, -69.4400



215.0380, 9.3483, 35.0467



208.6370, -12.6390, 40.6604

Sweetspot

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



200.3250, -6.5692, -39.7500



246.6410, -2.2880, -12.8402



208.3380, -26.2956, -12.5744



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000



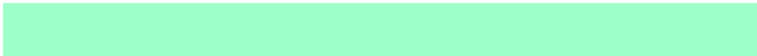
128.0000, 0.0000, 0.0000

Same Dimension

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



200.3250, -6.5692, -39.7500



219.9550, -8.8518, -54.3345



204.3150, 8.7187, -43.2493



108.0270, -0.9993, -6.1627



112.3180, -16.4258, -98.5029



30.6840, -4.2812, -26.9099

Inverse Universe

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



180.6750, 6.5692, 39.7500



193.0450, 8.8518, 54.3345



176.6850, -8.7187, 43.2493



104.9730, 0.9993, 6.1627



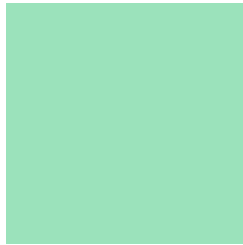
63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 200.3250, -6.5692, -39.7500 looks on a white background.

Color Contrast Check

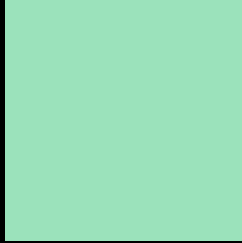
Large Text (above 18pt) WCAG AA × Fail

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 200.3250, -6.5692, -39.7500 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

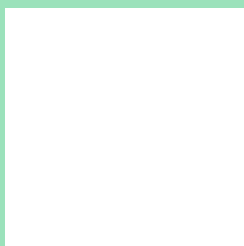
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3250, -6.5692, -39.7500

Background



This preview shows how black text looks on a background with the YUV color 200.3250, -6.5692, -39.7500.



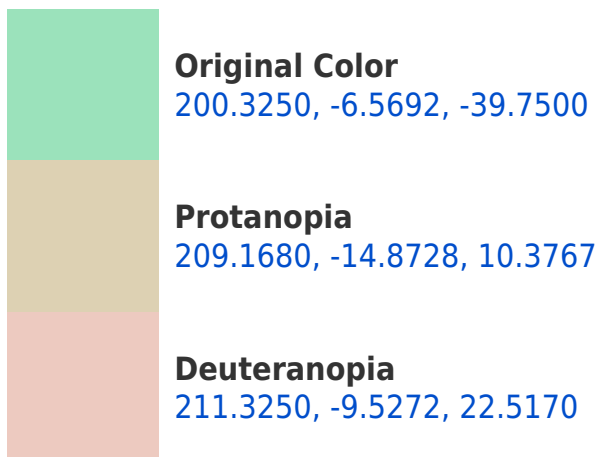
This preview shows how white text looks on a background with the YUV color 200.3250, -6.5692, -39.7500.

-39.7500.

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





Tritanopia

204.9060, 15.8223, -34.9976

Trichromacy



Original Color

200.3250, -6.5692, -39.7500



Protanomaly

205.8560, -11.7610, -7.7667



Deuteranomaly

207.4100, -8.5831, -0.3596



Tritanomaly

203.4190, 7.6814, -37.2015

Monochromacy



Original Color

200.3250, -6.5692, -39.7500



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9290, -2.4300, -13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3250, -6.5692, -39.7500 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(155, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 226, 187)  
}
```

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(155, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 226, 187) }
```

Border

The CSS property to change the border of an element to YUV 200.3250, -6.5692, -39.7500 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(155, 226, 187) }
```


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

```
.border{ border-color:rgb(155, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(155, 226,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 200.3250, -6.5692, -39.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 226, 187) }
```

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

```
.background{ background-color: rgb(155,  
226, 187) }
```

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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