

Converting Colors

YUV(196.2360, 1.8557,
-35.2870)

Have a look what the booklet for
YUV(196.2360, 1.8557, -35.2870)
contains.

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Color

**YUV(196.2360, 1.8557,
-35.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD8C8
RGB	156, 216, 200
RGB Percent	61%, 85%, 78%
CMY	0.3882, 0.1529, 0.2157
CMYK	0.28, 0.00, 0.07, 0.15
HSL	164°, 43%, 73%
HSV	164°, 28%, 85%
XYZ	48.6915, 60.3498, 63.7259
YIQ	196.2360, -30.6240, -17.6960

Conversions

Conversions Part 2

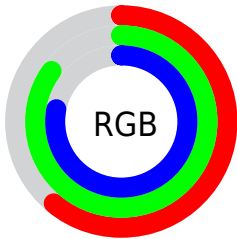
Format	Color
RYB	156, 191, 216
Decimal	10279112
CIELab	82.03, -22.46, 1.72
CIELCh	82, 22.525, 175.623
Yxy	60.3498, 0.2818, 0.3493
Android (android.graphics.Color)	4288469192 (0xFF9CD8C8)
YUV	196.2360, 1.8557, -35.2870
Hunter-Lab	77.6851, -24.0687, 5.7434

Details

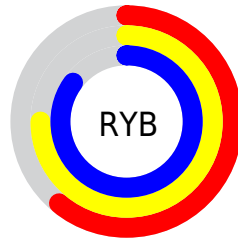
The YUV color $196.2360, 1.8557, -35.2870$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.7640, -1.8557, 35.2870$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.1430, 6.3385, -26.4354$, and $141.9480, 1.9976, -34.1574$ is the 20% darker color. If you saturate the color by 10%, you get $188.9740, 2.4778, -48.2122$, and if you desaturate by 10%, it is $203.4980, 1.2335, -22.3617$.

Distribution



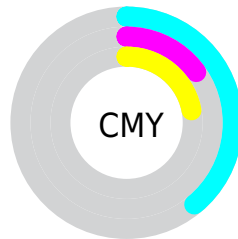
- Red (61%)
- Green (85%)
- Blue (78%)



- Red (61%)
- Yellow (75%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (39%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2360, 1.8557, -35.2870 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 196.2360, 1.8557, -35.2870 by changing the saturation by 10% instead.

■ 196.2360, 1.8557,
-35.2870

■ 196.2360, 1.8557,
-35.2870

255.0000, 0.0000,
0.0000

■ 168.6490, 2.1450,
-34.7722

■ 242.1430, 6.3385,
-26.4354

■ 141.9480, 1.9976,
-34.1574

■ 250.8140, 2.0637,
-8.6069

■ 115.9480, 1.9976,
-34.1574

■ 90.4750, 2.7238,
-33.7426

■ 65.5780, 3.1660,
-35.5869

■ 41.5070, 4.1870,
-36.4016

■ 26.1990, 1.3809,

-22.9765

■ 8.5600, -2.7411,
-7.5071

■ 0.0000, 0.0000,
0.0000

■ 196.2360, 1.8557,
-35.2870

■ 196.2360, 1.8557,
-35.2870

■ 188.9740, 2.4778,
-48.2122

■ 203.4980, 1.2335,
-22.3617

■ 182.0110, 2.9526,
-60.5226

■ 210.4610, 0.7587,
-10.0513

■ 174.8630, 4.0115,
-73.5479

■ 217.6090, -0.3002,
2.9739

■ 167.9000, 4.4863,
-85.8583

■ 224.5720, -0.7750,
15.2844

■ 160.6380, 5.1085,
-98.7835

■ 229.1430, -0.0705,
22.6766

■ 153.3760, 5.7306,
-111.7088

■ 229.8270, 2.5503,
22.0767

■ 146.5270, 6.6422,
-124.1192

■ 230.3970, 4.7343,
21.5768

■ 144.8040, 6.5056,
-126.9931

■ 231.0810, 7.3551,
20.9770

■ 231.7650, 9.9759,
20.3771

Harmonies

Analogous

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



198.4740, -9.1077, -18.8327



196.2360, 1.8557, -35.2870



195.6400, 12.5025, -43.5343

Triad

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



196.2360, 1.8557, -35.2870



205.9840, 17.7559, -1.7400



205.6050, -17.5533, 30.1644

Complementary

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



196.2360, 1.8557, -35.2870



175.7640, -1.8557, 35.2870

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.



207.0000, -9.8600, 35.9570



196.2360, 1.8557, -35.2870



207.7540, 9.9813, 18.6327

Square

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



196.2360, 1.8557, -35.2870



202.1770, 21.6047, -22.9572



207.6110, 0.1918, 31.9132



203.1320, -20.2781, 17.4242

Rectangle

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



196.2360, 1.8557, -35.2870



196.7310, 17.8806, -41.8601



207.6110, 0.1918, 31.9132



206.1970, -15.3801, 33.1532

Sweetspot

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



196.2360, 1.8557, -35.2870



248.4500, 0.7642, -11.7956



196.0040, -19.7220, -21.0515



123.6570, 0.1691, -7.5922



0.0000, 0.0000, 0.0000



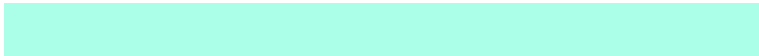
128.0000, 0.0000, 0.0000

Same Dimension

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



196.2360, 1.8557, -35.2870



227.3760, 2.7726, -49.4418



189.8420, 12.8959, -29.6794



103.3690, 0.3111, -6.4626



114.6270, 5.1139, -100.5279



28.8890, 1.5337, -25.3357

Inverse Universe

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



175.7640, -1.8557, 35.2870



198.6240, -2.7726, 49.4418



182.1580, -12.8959, 29.6794



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 196.2360, 1.8557, -35.2870 looks on a white background.

Color Contrast Check

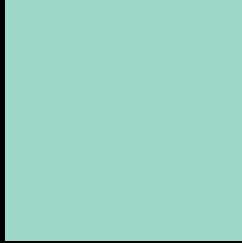
Large Text (above 18pt) WCAG AA × Fail

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 196.2360, 1.8557, -35.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

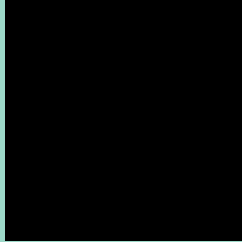
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.2360, 1.8557, -35.2870

Background



This preview shows how black text looks on a background with the YUV color 196.2360, 1.8557, -35.2870.



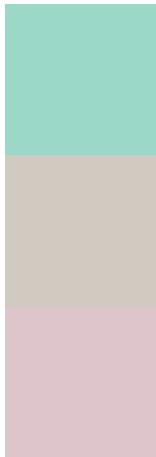
This preview shows how white text looks on a background with the YUV color 196.2360, 1.8557,

-35.2870.

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

196.2360, 1.8557, -35.2870

Protanopia

202.9530, -5.3998, 5.3032

Deuteranopia

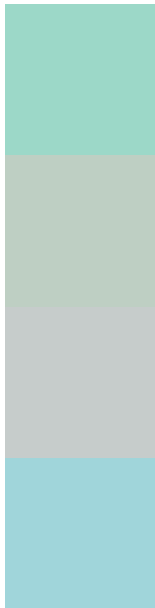
205.2730, -0.6276, 14.6696



Tritanopia

198.9880, 14.7959, -32.4385

Trichromacy



Original Color

196.2360, 1.8557, -35.2870

Protanomaly

200.5490, -2.7357, -9.2515

Deuteranomaly

202.0920, 0.4476, -3.5887

Tritanomaly

197.7230, 9.9966, -33.0831

Monochromacy



Original Color

196.2360, 1.8557, -35.2870

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.7380, 0.6222, -12.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2360, 1.8557, -35.2870 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(156, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(156, 216, 200)  
}
```

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(156, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 216, 200) }
```

Border

The CSS property to change the border of an element to YUV 196.2360, 1.8557, -35.2870 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(156, 216, 200) }
```


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

```
.border{ border-color:rgb(156, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 216, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 216, 200); box-shadow:4px 4px 4px 4px rgb(156, 216, 200) }
```

Background

The CSS property to change the background color of an element to YUV 196.2360, 1.8557, -35.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 216, 200) }
```

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

```
.background{ background-color: rgb(156,  
216, 200) }
```

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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