

Converting Colors

YUV(186.1170, 2.4073,
-25.5356)

Have a look what the booklet for
YUV(186.1170, 2.4073, -25.5356)
contains.

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Color

**YUV(186.1170, 2.4073,
-25.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC8BF
RGB	157, 200, 191
RGB Percent	62%, 78%, 75%
CMY	0.3843, 0.2157, 0.2510
CMYK	0.21, 0.00, 0.04, 0.22
HSL	167°, 28%, 70%
HSV	167°, 21%, 78%
XYZ	43.9629, 52.2382, 57.0561
YIQ	186.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

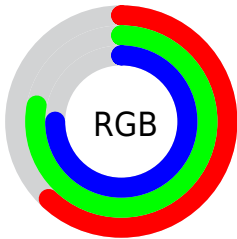
Format	Color
RYB	157, 181, 200
Decimal	10340543
CIELab	77.42, -16.00, -0.17
CIELCh	77, 16.006, 180.599
Yxy	52.2382, 0.2869, 0.3409
Android (android.graphics.Color)	4288530623 (0xFF9DC8BF)
YUV	186.1170, 2.4073, -25.5356
Hunter-Lab	72.2760, -17.9080, 3.7885

Details

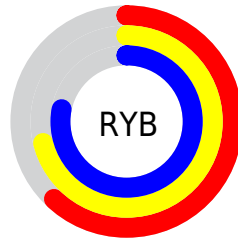
The YUV color $186.1170, 2.4073, -25.5356$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $170.8830, -2.4073, 25.5356$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.2310, 2.8441, -25.6356$, and $132.8290, 2.5493, -24.4060$ is the 20% darker color. If you saturate the color by 10%, you get $179.6810, 3.6083, -37.4312$, and if you desaturate by 10%, it is $192.5530, 1.2064, -13.6400$.

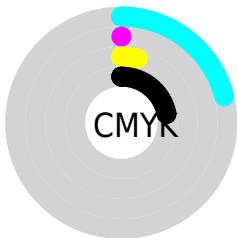
Distribution



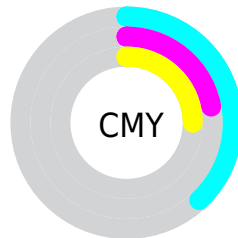
- Red (62%)
- Green (78%)
- Blue (75%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1170, 2.4073, -25.5356 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 186.1170, 2.4073, -25.5356 by changing the saturation by 10% instead.

■ 186.1170, 2.4073,
-25.5356

■ 186.1170, 2.4073,
-25.5356

255.0000, 0.0000,
0.0000

■ 159.1170, 2.4073,
-25.5356

■ 241.2310, 2.8441,
-25.6356

■ 132.8290, 2.5493,
-24.4060

■ 250.8140, 2.0637,
-8.6069

■ 107.1280, 2.4019,
-23.7913

■ 82.5410, 2.6913,
-23.2765

■ 58.6550, 3.1281,
-23.3764

■ 35.4590, 3.7177,
-25.8355

■ 19.5310, 1.2172,

-17.1287

■ 0.0000, 0.0000,
0.0000

■ 186.1170, 2.4073,
-25.5356

■ 186.1170, 2.4073,
-25.5356

■ 179.6810, 3.6083,
-37.4312

■ 192.5530, 1.2064,
-13.6400

■ 173.2450, 4.8092,
-49.3269

■ 198.9890, 0.0054,
-1.7444

■ 166.6950, 5.5734,
-61.1225

■ 205.5390, -0.7587,
10.0513

■ 160.2590, 6.7743,
-73.0181

■ 211.9750, -1.9597,
21.9469

■ 153.8230, 7.9753,
-84.9138

■ 217.8130, -2.8658,
32.6130

■ 147.3870, 9.1762,
-96.8094

■ 218.2690, -1.1186,
32.2131

■ 140.9510, 10.3772,
-108.7050

■ 218.7250, 0.6286,
31.8132

■ 135.4120, 11.1359,
-118.7563

■ 219.1810, 2.3758,
31.4133

■ 219.7510, 4.5598,
30.9134

Harmonies

Analogous

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



187.1200, -5.4822, -15.0142



186.1170, 2.4073, -25.5356



186.0440, 9.8383, -28.9796

Triad

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



186.1170, 2.4073, -25.5356



192.8120, 11.9247, 1.9189



192.6900, -13.1582, 20.4429

Complementary

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



186.1170, 2.4073, -25.5356



170.8830, -2.4073, 25.5356

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.



193.3900, -8.0803, 25.0910



186.1170, 2.4073, -25.5356



193.9940, 5.9190, 14.9143

Square

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



186.1170, 2.4073, -25.5356



190.2230, 15.1731, -13.3506



194.1000, -1.5283, 23.5913



190.6950, -14.1466, 10.7915

Rectangle

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



186.1170, 2.4073, -25.5356



187.2660, 13.1799, -27.4203



194.1000, -1.5283, 23.5913



192.7550, -11.7112, 23.0169

Sweetspot

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



186.1170, 2.4073, -25.5356



250.1730, 0.9007, -8.9217



184.9320, -13.7705, -16.6034



125.0810, 0.4531, -5.3330



0.0000, 0.0000, 0.0000



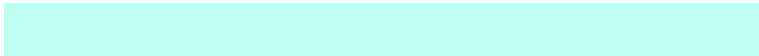
128.0000, 0.0000, 0.0000

Same Dimension

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



186.1170, 2.4073, -25.5356



233.6700, 3.6137, -39.1756



180.0990, 9.8112, -20.2578



96.0810, 0.4531, -5.3330



110.3870, 9.1762, -96.8094



24.3240, 1.8123, -21.3321

Inverse Universe

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



170.8830, -2.4073, 25.5356



210.3300, -3.6137, 39.1756



176.9010, -9.8112, 20.2578



92.9190, -0.4531, 5.3330



52.6130, -9.1762, 96.8094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 186.1170, 2.4073, -25.5356 looks on a white background.

Color Contrast Check

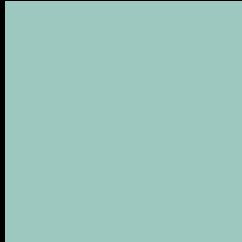
Large Text (above 18pt) WCAG AA × Fail

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 186.1170, 2.4073, -25.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

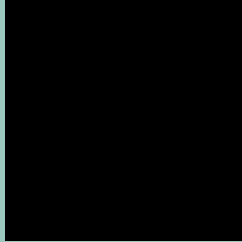
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.1170, 2.4073, -25.5356

Background



This preview shows how black text looks on a background with the YUV color 186.1170, 2.4073, -25.5356.



This preview shows how white text looks on a background with the YUV color 186.1170, 2.4073, -25.5356.

-25.5356.

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

186.1170, 2.4073, -25.5356

Protanopia

190.9250, -2.9210, 3.5738

Deuteranopia

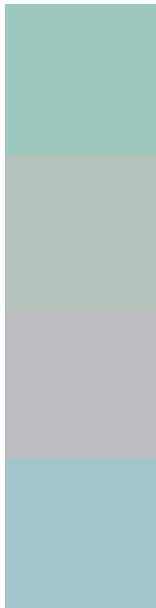
192.9030, 0.5408, 13.2401



Tritanopia

187.9460, 11.8586, -23.6316

Trichromacy



Original Color

186.1170, 2.4073, -25.5356

Protanomaly

189.3150, -1.1413, -7.2923

Deuteranomaly

190.0430, 1.4578, -0.9147

Tritanomaly

187.3220, 8.2223, -23.9614

Monochromacy



Original Color

186.1170, 2.4073, -25.5356

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8740, 1.0481, -9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1170, 2.4073, -25.5356 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(157, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 191)  
}
```

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(157, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 191) }
```

Border

The CSS property to change the border of an element to YUV 186.1170, 2.4073, -25.5356 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(157, 200, 191) }
```


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

```
.border{ border-color:rgb(157, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 186.1170, 2.4073, -25.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 191) }
```

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

```
.background{ background-color: rgb(157,  
200, 191) }
```

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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