

Converting Colors

YUV(188.5090, -2.2229,
-33.7724)

Have a look what the booklet for
YUV(188.5090, -2.2229, -33.7724)
contains.

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Color

**YUV(188.5090, -2.2229,
-33.7724)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96D1B8 |
| RGB | 150, 209, 184 |
| RGB Percent | 59%, 82%, 72% |
| CMY | 0.4118, 0.1804, 0.2784 |
| CMYK | 0.28, 0.00, 0.12, 0.18 |
| HSL | 155°, 39%, 70% |
| HSV | 155°, 28%, 82% |
| XYZ | 44.0299, 55.5457, 53.7482 |
| YIQ | 188.5090, -27.1390, -20.2830 |

Conversions

Conversions Part 2

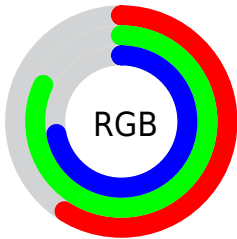
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 150, 187, 209 |
| Decimal | 9884088 |
| CIELab | 79.35, -24.13, 6.34 |
| CIElCh | 79, 24.953, 165.279 |
| Yxy | 55.5457, 0.2872, 0.3623 |
| Android (android.graphics.Color) | 4288074168 (0xFF96D1B8) |
| YUV | 188.5090, -2.2229, -33.7724 |
| Hunter-Lab | 74.5290, -24.9723, 9.4120 |

Details

The YUV color **188.5090, -2.2229, -33.7724** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.4910, 2.2229, 33.7724**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3400, 0.8184, -29.2392**, and **134.3350, -1.6442, -32.7428** is the 20% darker color. If you saturate the color by 10%, you get **181.2040, -3.0586, -45.7829**, and if you desaturate by 10%, it is **195.8140, -1.3873, -21.7619**.

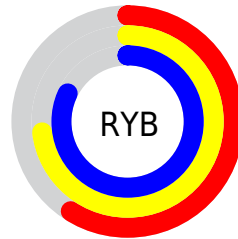
Distribution



Red (59%)

Green (82%)

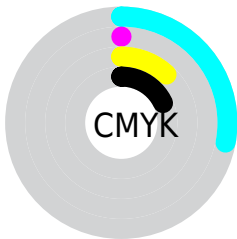
Blue (72%)



Red (59%)

Yellow (73%)

Blue (82%)

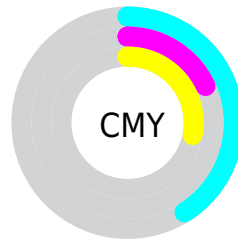


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5090, -2.2229, -33.7724 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 188.5090, -2.2229, -33.7724 by changing the saturation by 10% instead.

 188.5090, -2.2229,
-33.7724

 188.5090, -2.2229,
-33.7724

255.0000, 0.0000,
0.0000


 160.9220, -1.9335,
-33.2576


 238.3400, 0.8184,
-29.2392


 134.3350, -1.6442,
-32.7428

 248.7210, 3.0955,
-12.9103

 108.7480, -1.3548,
-32.2280

 83.8620, -0.9180,
-32.3280

 58.4920, 0.2504,
-33.7575

 36.5030, 0.2450,
-32.0131

 21.7820, -2.8505,

-19.1028

■ 0.0000, 0.0000,
0.0000

■ 188.5090, -2.2229,
-33.7724

■ 188.5090, -2.2229,
-33.7724

■ 181.2040, -3.0586,
-45.7829

■ 195.8140, -1.3873,
-21.7619

■ 173.8990, -3.8942,
-57.7934

■ 203.1190, -0.5517,
-9.7514

■ 166.5940, -4.7298,
-69.8039

■ 210.4240, 0.2840,
2.2592

■ 159.4030, -5.1287,
-81.9144

■ 217.6150, 0.6828,
14.3696

■ 152.3970, -6.1117,
-93.3102

■ 224.6210, 1.6658,
25.7654

■ 145.0920, -6.9474,
-105.3207

■ 225.9460, 5.4496,
25.4804

■ 137.7870, -7.7830,
-117.3312

■ 226.9720, 9.3808,
24.5806

■ 136.3630, -8.0670,
-119.5904

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



191.2420, -13.9233, -14.2442



188.5090, -2.2229, -33.7724



186.7490, 10.4767, -47.1379

Triad

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



188.5090, -2.2229, -33.7724



197.2540, 21.5668, -10.7468



198.5780, -16.5540, 36.3271

Complementary

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



188.5090, -2.2229, -33.7724



170.4910, 2.2229, 33.7724

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.



199.7060, -7.2501, 38.8458



188.5090, -2.2229, -33.7724



200.1600, 14.2181, 13.0147

Square

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



188.5090, -2.2229, -33.7724



192.0940, 24.1107, -33.4084



200.6370, 4.1230, 31.0134



196.7200, -22.0470, 24.8016

Rectangle

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



188.5090, -2.2229, -33.7724



187.2740, 17.6129, -49.3523



200.6370, 4.1230, 31.0134



198.9850, -13.7966, 38.6012

Sweetspot

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



188.5090, -2.2229, -33.7724



247.9940, -0.9830, -11.3957



192.4070, -20.9067, -14.3889



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



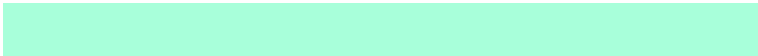
128.0000, 0.0000, 0.0000

Same Dimension

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



188.5090, -2.2229, -33.7724



224.7690, -3.3371, -49.7864



189.0110, 9.8546, -34.2126



101.1410, -0.5625, -6.2627



109.6740, -6.2483, -96.1841



26.8030, -1.3819, -23.5062

Inverse Universe

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



170.4910, 2.2229, 33.7724



198.2310, 3.3371, 49.7864



169.9890, -9.8546, 34.2126



97.8590, 0.5625, 6.2627



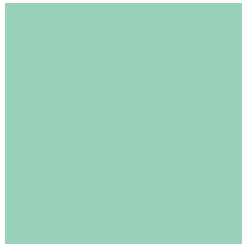
58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 188.5090, -2.2229, -33.7724 looks on a white background.

Color Contrast Check

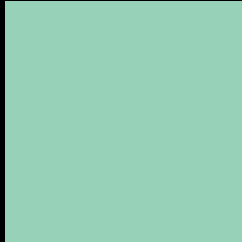
Large Text (above 18pt) WCAG AA × Fail

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 188.5090, -2.2229, -33.7724 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 188.5090, -2.2229, -33.7724

Background



This preview shows how black text looks on a background with the YUV color 188.5090, -2.2229, -33.7724.



This preview shows how white text looks on a background with the YUV color 188.5090, -2.2229, -33.7724.

-33.7724.

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

188.5090, -2.2229, -33.7724

Protanopia

195.6390, -9.1890, 7.3326

Deuteranopia

197.5570, -4.7116, 17.9285



Tritanopia

191.7710, 13.9169, -30.4942

Trichromacy



Original Color

188.5090, -2.2229, -33.7724

Protanomaly

192.9360, -6.3774, -7.8369

Deuteranomaly

194.0770, -3.4890, -0.9445

Tritanomaly

190.5660, 8.1020, -32.0684

Monochromacy



Original Color

188.5090, -2.2229, -33.7724

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.6950, -0.8356, -12.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5090, -2.2229, -33.7724 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(150, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(150, 209, 184)  
}
```

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(150, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 209, 184) }
```

Border

The CSS property to change the border of an element to YUV 188.5090, -2.2229, -33.7724 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(150, 209, 184) }
```


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

```
.border{ border-color:rgb(150, 209, 184) }
```

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

Here you see how a box with a 4 pixel rgb(150, 209, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(150, 209,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 188.5090, -2.2229, -33.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 209, 184) }
```

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

```
.background{ background-color: rgb(150,  
209, 184) }
```

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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