

Converting Colors

YUV(190.0030, 15.2815,
-48.2376)

Have a look what the booklet for
YUV(190.0030, 15.2815, -48.2376)
contains.

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Color

**YUV(190.0030, 15.2815,
-48.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	87D4DD
RGB	135, 212, 221
RGB Percent	53%, 83%, 87%
CMY	0.4706, 0.1686, 0.1333
CMYK	0.39, 0.04, 0.00, 0.13
HSL	186°, 56%, 70%
HSV	186°, 39%, 87%
XYZ	46.5863, 57.4583, 77.0418
YIQ	190.0030, -48.7810, -13.5250

Conversions

Conversions Part 2

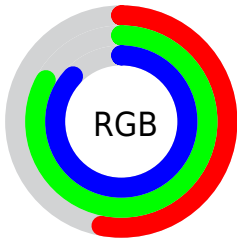
Format	Color
RYB	135, 176, 221
Decimal	8901853
CIELab	80.44, -21.45, -11.95
CIELCh	80, 24.554, 209.117
Yxy	57.4583, 0.2573, 0.3173
Android (android.graphics.Color)	4287091933 (0xFF87D4DD)
YUV	190.0030, 15.2815, -48.2376
Hunter-Lab	75.8013, -22.9488, -7.1994

Details

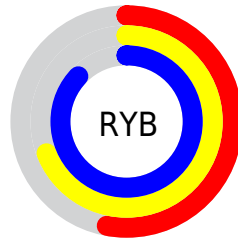
The YUV color **190.0030, 15.2815, -48.2376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.9970, -15.2815, 48.2376**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **134.7040, 15.4289, -48.8524** is the 20% darker color. If you saturate the color by 10%, you get **182.2510, 19.1033, -60.7331**, and if you desaturate by 10%, it is **197.7550, 11.4598, -35.7421**.

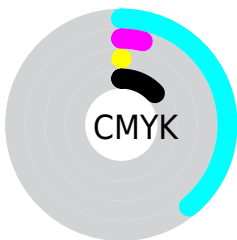
Distribution



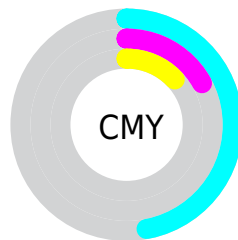
- Red (53%)
- Green (83%)
- Blue (87%)



- Red (53%)
- Yellow (69%)
- Blue (87%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0030, 15.2815, -48.2376 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 190.0030, 15.2815, -48.2376 by changing the saturation by 10% instead.

■ 190.0030, 15.2815,
-48.2376

■ 190.0030, 15.2815,
-48.2376

255.0000, 0.0000,
0.0000

■ 162.0030, 15.2815,
-48.2376

■ 236.1630, 9.2866,
-38.7310

■ 134.7040, 15.4289,
-48.8524

■ 244.8340, 5.0118,
-20.9024

■ 107.8070, 15.8711,
-50.6967

■ 253.5050, 0.7370,
-3.0739

■ 78.5070, 17.4980,
-59.2036

■ 57.8070, 15.8711,
-50.6967

■ 41.5700, 12.0440,
-36.4569

■ 26.1480, 8.8010,

-22.9318

■ 5.0840, 9.3256,
-4.4587

■ 0.0000, 0.0000,
0.0000

■ 190.0030, 15.2815,
-48.2376

■ 190.0030, 15.2815,
-48.2376

■ 182.2510, 19.1033,
-60.7331

■ 197.7550, 11.4598,
-35.7421

■ 173.9120, 23.2144,
-72.7138

■ 206.0940, 7.3487,
-23.7614

■ 166.1600, 27.0361,
-85.2093

■ 213.8460, 3.5269,
-11.2659

■ 158.4080, 30.8579,
-97.7048

■ 221.5980, -0.2948,
1.2296

■ 149.7700, 35.1164,
-110.3003

■ 230.2360, -4.5533,
13.8250

■ 142.0180, 38.9381,
-122.7958

■ 234.1010, -6.4588,
18.3284

■ 141.4200, 39.2329,
-124.0253

■ 235.2750, -7.0376,
17.2988

■ 237.0360, -7.9057,
15.7544

■ 238.2100, -8.4845,
14.7248

Harmonies

Analogous

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



190.9580, 3.4717, -40.3052



190.0030, 15.2815, -48.2376



192.5830, 22.3906, -41.7303

Triad

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



190.0030, 15.2815, -48.2376



203.6620, 9.5336, 22.2214



198.9640, -22.1673, 16.6946

Complementary

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



190.0030, 15.2815, -48.2376



165.9970, -15.2815, 48.2376

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.



200.7470, -19.5953, 31.7939



190.0030, 15.2815, -48.2376



203.2910, -1.1295, 35.7018

Square

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



190.0030, 15.2815, -48.2376



201.9350, 18.7660, 0.9340



202.4410, -12.0494, 38.2012



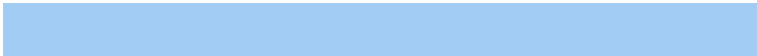
196.1680, -18.3238, -2.7783

Rectangle

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



190.0030, 15.2815, -48.2376



196.0020, 23.6630, -29.8198



202.4410, -12.0494, 38.2012



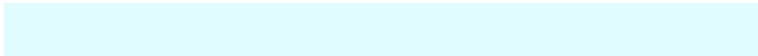
199.4100, -21.8941, 22.4424

Sweetspot

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



190.0030, 15.2815, -48.2376



243.9700, 5.4378, -17.5137



186.5080, -20.9564, -45.1725



121.4440, 3.2321, -10.0364



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.



190.0030, 15.2815, -48.2376



211.4890, 21.4509, -67.0809



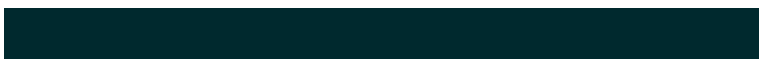
164.7620, 27.7253, -26.1013



106.1240, 1.9109, -6.2477



110.7070, 30.7104, -97.0900



29.3110, 8.2277, -25.7057

Inverse Universe

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



169.4920, 20.9564, 45.1725



183.0780, 29.0485, 63.0756



191.2380, -27.7253, 26.1013



103.4290, 2.7465, 5.7628



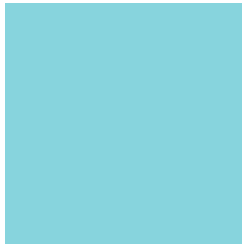
69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 190.0030, 15.2815, -48.2376 looks on a white background.

Color Contrast Check

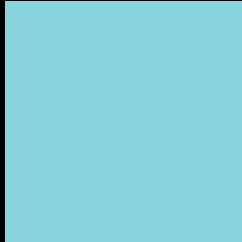
Large Text (above 18pt) WCAG AA × Fail

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 190.0030, 15.2815, -48.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

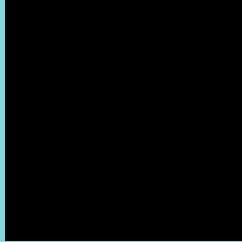
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0030, 15.2815, -48.2376

Background



This preview shows how black text looks on a background with the YUV color 190.0030, 15.2815, -48.2376.



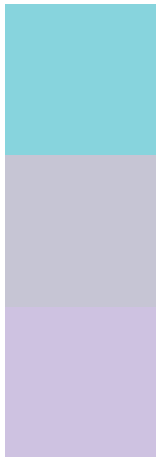
This preview shows how white text looks on a background with the YUV color 190.0030, 15.2815, -48.2376.

-48.2376.

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

190.0030, 15.2815, -48.2376

Protanopia

199.0090, 6.4046, -0.8849

Deuteranopia

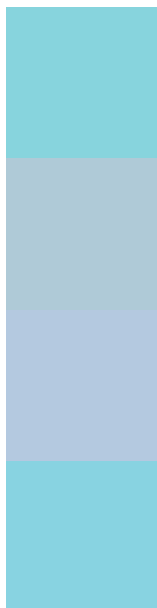
201.1220, 11.7719, 4.2780



Tritanopia

190.8120, 18.3337, -47.1931

Trichromacy



Original Color

190.0030, 15.2815, -48.2376

Protanomaly

195.4090, 9.6584, -17.8987

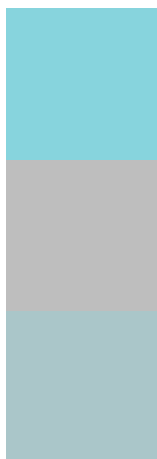
Deuteranomaly

197.3430, 13.1419, -15.2098

Tritanomaly

190.1710, 17.1707, -47.5080

Monochromacy



Original Color

190.0030, 15.2815, -48.2376

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0030, 15.2815, -48.2376 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(135, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(135, 212, 221)  
}
```

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(135, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 212, 221) }
```

Border

The CSS property to change the border of an element to YUV 190.0030, 15.2815, -48.2376 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(135, 212, 221) }
```


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

```
.border{ border-color:rgb(135, 212, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 212, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(135, 212,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 190.0030, 15.2815, -48.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 212, 221) }
```

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

```
.background{ background-color: rgb(135,  
212, 221) }
```

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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