

# Converting Colors

YUV(207.0030, 15.2815,  
-48.2376)

Have a look what the booklet for  
YUV(207.0030, 15.2815, -48.2376)  
contains.

<b>YUV(207.0030, 15.2815, -48.2376)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(207.0030, 15.2815,  
-48.2376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E5EE
RGB	152, 229, 238
RGB Percent	60%, 90%, 93%
CMY	0.4039, 0.1020, 0.0667
CMYK	0.36, 0.04, 0.00, 0.07
HSL	186°, 72%, 76%
HSV	186°, 36%, 93%
XYZ	56.4008, 68.8871, 91.2128
YIQ	207.0030, -48.7810, -13.5250

# Conversions

## Conversions Part 2

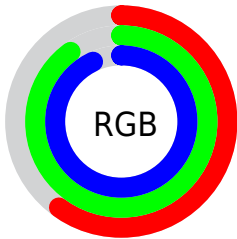
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 193, 238
Decimal	10020334
CIE Lab	86.45, -21.42, -11.90
CIE LCh	86, 24.507, 209.055
Yxy	68.8871, 0.2605, 0.3182
Android (android.graphics.Color)	4288210414 (0xFF98E5EE)
YUV	207.0030, 15.2815, -48.2376
Hunter-Lab	82.9982, -23.9486, -7.0593

# Details

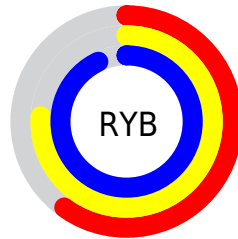
The YUV color **207.0030, 15.2815, -48.2376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.9970, -15.2815, 48.2376**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **151.0030, 15.2815, -48.2376** is the 20% darker color. If you saturate the color by 10%, you get **198.6530, 19.3981, -61.9627**, and if you desaturate by 10%, it is **215.3530, 11.1650, -34.5126**.

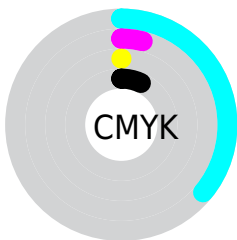
# Distribution



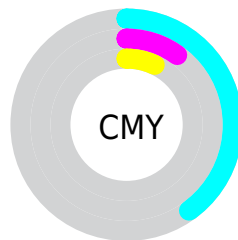
- Red (60%)
- Green (90%)
- Blue (93%)



- Red (60%)
- Yellow (76%)
- Blue (93%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.0030, 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 207.0030, 15.2815, -48.2376 by changing the saturation by 10% instead.



■ 207.0030, 15.2815,  
-48.2376

■ 207.0030, 15.2815,  
-48.2376

255.0000, 0.0000,  
0.0000

■ 179.0030, 15.2815,  
-48.2376

■ 241.2460, 6.7807,  
-28.2797

■ 151.0030, 15.2815,  
-48.2376

■ 249.9170, 2.5059,  
-10.4512

■ 124.2910, 15.1395,  
-49.3672

■ 96.7960, 15.8766,  
-52.4411

■ 68.2080, 17.6455,  
-59.8184

■ 51.3840, 14.1077,  
-45.0638

■ 35.2610, 10.7173,

-30.9239

■ 21.1270, 7.3324,  
-18.5284

■ 2.1830, 5.8258,  
-1.9145

■ 207.0030, 15.2815,  
-48.2376

■ 207.0030, 15.2815,  
-48.2376

■ 198.6530, 19.3981,  
-61.9627

■ 215.3530, 11.1650,  
-34.5126

■ 189.7160, 23.8040,  
-75.1729

■ 224.2900, 6.7590,  
-21.3023

■ 181.6650, 27.7732,  
-88.2832

■ 232.3410, 2.7899,  
-8.1921

■ 172.7280, 32.1791,  
-101.4935

■ 241.2780, -1.6161,  
5.0182

■ 164.3780, 36.2956,  
-115.2185

■ 244.8440, -3.3741,  
8.9068

■ 155.4410, 40.7016,  
-128.4288

■ 246.6050, -4.2423,  
7.3624

■ 152.1630, 42.3176,  
-133.4470

■ 247.7790, -4.8210,  
6.3328

■ 249.5400, -5.6892,  
4.7884

■ 250.7140, -6.2680,  
3.7588

# Harmonies

## Analogous

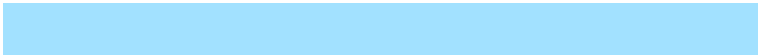
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207.6590, 3.6191, -40.9199



207.0030, 15.2815, -48.2376



209.5830, 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.



207.0030, 15.2815, -48.2376



220.7760, 9.9704, 22.1214



215.2630, -22.3147, 17.3093

# Complementary

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



207.0030, 15.2815, -48.2376



182.9970, -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.



217.6330, -20.0321, 31.8939



207.0030, 15.2815, -48.2376



218.4970, -0.2450, 32.0131

# Square

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



207.0030, 15.2815, -48.2376



218.4080, 18.0399, 0.5192



216.4620, -10.5808, 33.7978



213.0540, -18.7606, -2.6784

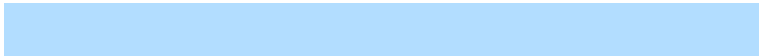


# Rectangle

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



207.0030, 15.2815, -48.2376



212.0190, 21.1896, -29.8347



216.4620, -10.5808, 33.7978



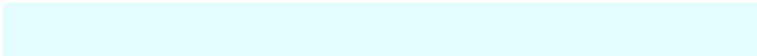
216.2960, -22.3309, 22.5424

# Sweetspot

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



207.0030, 15.2815, -48.2376



244.8670, 4.9956, -15.6694



203.5080, -20.9564, -45.1725



121.7430, 3.0847, -9.4216



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.



207.0030, 15.2815, -48.2376



215.6530, 19.3981, -61.9627



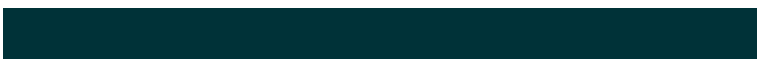
181.7620, 27.7253, -26.1013



115.8250, 2.0583, -6.8625



117.2440, 32.9107, -102.8230



35.7340, 9.9911, -31.3387



# Inverse Universe

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



186.4920, 20.9564, 45.1725



189.1760, 27.0282, 57.7276



208.2380, -27.7253, 26.1013



112.8420, 3.0359, 6.2776



73.7120, 44.5120, 96.7226

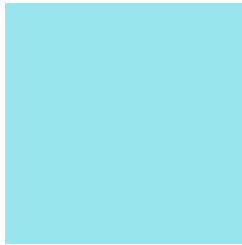


22.4440, 13.5851, 29.4286



# Previews

## White Background



This preview shows how the YUV color 207.0030, 15.2815, -48.2376 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

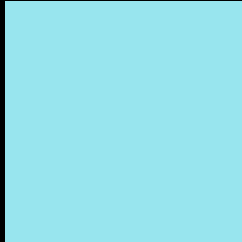
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.0030, 15.2815, -48.2376 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

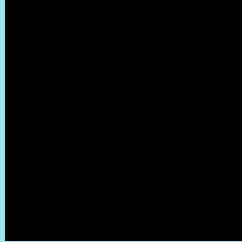
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.0030, 15.2815, -48.2376

## Background



This preview shows how black text looks on a background with the YUV color 207.0030, 15.2815, -48.2376.



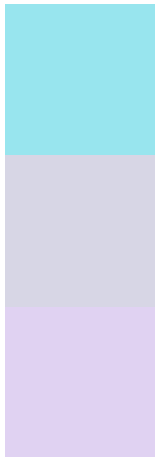
This preview shows how white text looks on a background with the YUV color 207.0030, 15.2815, -48.2376.

-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

207.0030, 15.2815, -48.2376

### Protanopia

216.0090, 6.4046, -0.8849

### Deuteranopia

217.8340, 11.9138, 5.4076



## Tritanopia

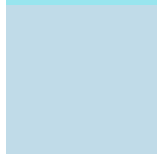
207.9260, 18.7705, -47.2931

# Trichromacy



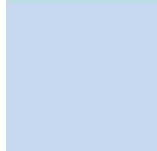
## Original Color

207.0030, 15.2815, -48.2376



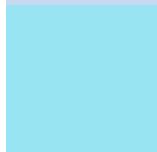
## Protanomaly

212.4090, 9.6584, -17.8987



## Deuteranomaly

214.0550, 13.2839, -14.0802



## Tritanomaly

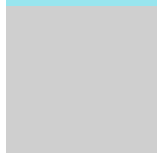
207.2850, 17.6075, -47.6079

# Monochromacy



## Original Color

207.0030, 15.2815, -48.2376



## Achromatopsia

207.0000, 0.0000, 0.0000



## Achromatomaly

206.9700, 5.4378, -17.5137

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.0030, 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(152, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(152, 229, 238)  
}
```

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(152, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 229, 238) }
```

## Border

The CSS property to change the border of an element to YUV 207.0030, 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(152, 229, 238) }
```



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

```
.border{ border-color:rgb(152, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(152, 229,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 207.0030, 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(152, 229, 238) }
```

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

```
.background{ background-color: rgb(152,  
229, 238) }
```

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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