

Converting Colors

YUV(187.8090, -7.3008,
-38.4205)

Have a look what the booklet for
YUV(187.8090, -7.3008, -38.4205)
contains.

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Color

**YUV(187.8090, -7.3008,
-38.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	90D5AD
RGB	144, 213, 173
RGB Percent	56%, 84%, 68%
CMY	0.4353, 0.1647, 0.3216
CMYK	0.32, 0.00, 0.19, 0.16
HSL	145°, 45%, 70%
HSV	145°, 32%, 84%
XYZ	42.8387, 56.5349, 48.1897
YIQ	187.8090, -28.2840, -27.0680

Conversions

Conversions Part 2

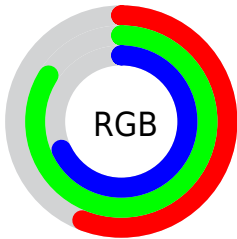
Format	Color
RYB	144, 193, 213
Decimal	9491885
CIELab	79.92, -30.08, 12.96
CIELCh	80, 32.753, 156.692
Yxy	56.5349, 0.2903, 0.3831
Android (android.graphics.Color)	4287681965 (0xFF90D5AD)
YUV	187.8090, -7.3008, -38.4205
Hunter-Lab	75.1897, -29.8832, 14.6334

Details

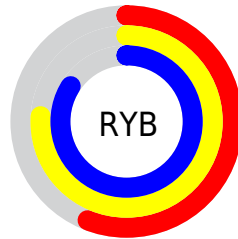
The YUV color **187.8090, -7.3008, -38.4205** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **169.1910, 7.3008, 38.4205**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1780, -3.5388, -31.7281**, and **133.7490, -6.2853, -37.4909** is the 20% darker color. If you saturate the color by 10%, you get **180.1620, -9.4469, -50.1311**, and if you desaturate by 10%, it is **195.4560, -5.1548, -26.7099**.

Distribution



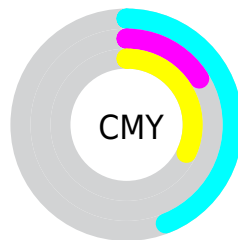
- Red (56%)
- Green (84%)
- Blue (68%)



- Red (56%)
- Yellow (76%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.8090, -7.3008, -38.4205 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 187.8090, -7.3008, -38.4205 by changing the saturation by 10% instead.

 187.8090, -7.3008,
-38.4205

 187.8090, -7.3008,
-38.4205

255.0000, 0.0000,
0.0000


 160.2220, -7.0114,
-37.9057


 235.1780, -3.5388,
-31.7281


 133.7490, -6.2853,
-37.4909

 246.9270, 3.9800,
-16.5990

 107.8630, -5.8485,
-37.5909

 81.7920, -4.8275,
-38.4056

 54.6280, -2.7746,
-43.5238

 37.2380, -4.5543,
-32.6577

 21.4740, -9.1077,

-18.8327

■ 0.0000, 0.0000,
0.0000

■ 187.8090, -7.3008,
-38.4205

■ 187.8090, -7.3008,
-38.4205

■ 180.1620, -9.4469,
-50.1311

■ 195.4560, -5.1548,
-26.7099

■ 172.1020,
-11.8823, -62.3565

■ 203.5160, -2.7194,
-14.4845

■ 164.4550,
-14.0283, -74.0670

■ 211.1630, -0.5734,
-2.7740

■ 156.8080,
-16.1743, -85.7776

■ 218.8100, 1.5727,
8.9366

■ 149.0470,
-18.7572, -97.3882

■ 226.8700, 4.0081,
21.1620

■ 141.1010,
-20.7558, -109.7136

■ 229.4340, 8.6600,
22.4214

■ 135.2910,
-22.3285, -118.6502

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



192.2010, -21.7911, -10.7003



187.8090, -7.3008, -38.4205



183.2480, 10.2307, -61.6075

Triad

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



187.8090, -7.3008, -38.4205



196.4140, 28.8829, -24.0421



199.9000, -18.1917, 48.3227

Complementary

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



187.8090, -7.3008, -38.4205



169.1910, 7.3008, 38.4205

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.



200.8580, -4.3670, 47.4825



187.8090, -7.3008, -38.4205



201.6030, 22.3807, 8.2412

Square

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



187.8090, -7.3008, -38.4205



188.6120, 31.7433, -54.9107



203.1520, 9.7851, 34.9467



198.4180, -27.3211, 36.4674

Rectangle

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



187.8090, -7.3008, -38.4205



181.6520, 20.8776, -69.8548



203.1520, 9.7851, 34.9467



199.7520, -13.6817, 48.4525

Sweetspot

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



187.8090, -7.3008, -38.4205



245.8150, -2.8668, -13.8698



196.4630, -25.8643, -10.9301



122.1900, -1.5727, -8.9366



0.0000, 0.0000, 0.0000



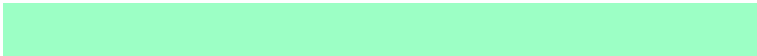
128.0000, 0.0000, 0.0000

Same Dimension

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



187.8090, -7.3008, -38.4205



218.7870, -10.7410, -55.0642



191.6850, 7.5503, -41.8197



103.0270, -0.9993, -6.1627



108.5850, -18.0364, -95.2290



27.2930, -4.5814, -23.9360

Inverse Universe

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



169.1910, 7.3008, 38.4205



192.0990, 10.3042, 55.1642



165.3150, -7.5503, 41.8197



100.0870, 1.4361, 6.0627



62.4150, 18.0364, 95.2290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 187.8090, -7.3008, -38.4205 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 187.8090, -7.3008, -38.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

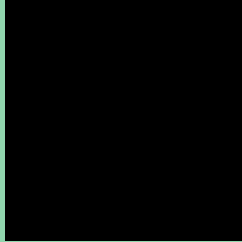
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.8090, -7.3008, -38.4205

Background



This preview shows how black text looks on a background with the YUV color 187.8090, -7.3008, -38.4205.



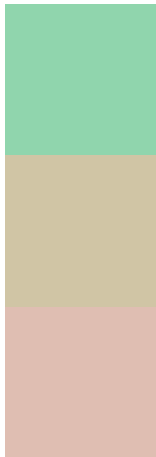
This preview shows how white text looks on a background with the YUV color 187.8090, -7.3008, -38.4205.

-38.4205.

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

187.8090, -7.3008, -38.4205

Protanopia

196.6410, -15.5990, 9.9618

Deuteranopia

198.4990, -10.1060, 21.4874



Tritanopia

192.3900, 15.0907, -33.6680

Trichromacy



Original Color

187.8090, -7.3008, -38.4205

Protanomaly

193.6280, -12.6346, -7.5668

Deuteranomaly

194.2960, -9.0199, -0.2596

Tritanomaly

190.9030, 6.9498, -35.8719

Monochromacy



Original Color

187.8090, -7.3008, -38.4205

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9290, -2.4300, -13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8090, -7.3008, -38.4205 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(144, 213, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 213, 173)  
}
```

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(144, 213, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 213, 173) }
```

Border

The CSS property to change the border of an element to YUV 187.8090, -7.3008, -38.4205 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(144, 213, 173) }
```


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

```
.border{ border-color:rgb(144, 213, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 213, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 213, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 213, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 213,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 187.8090, -7.3008, -38.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 213, 173) }
```

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

```
.background{ background-color: rgb(144,  
213, 173) }
```

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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