

Converting Colors

YUV(190.6150, 7.0918,
-34.7424)

Have a look what the booklet for
YUV(190.6150, 7.0918, -34.7424)
contains.

YUV(190.6150, 7.0918, -34.7424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(190.6150, 7.0918,
-34.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	97D0CD
RGB	151, 208, 205
RGB Percent	59%, 82%, 80%
CMY	0.4078, 0.1843, 0.1961
CMYK	0.27, 0.00, 0.01, 0.18
HSL	177°, 38%, 70%
HSV	177°, 27%, 82%
XYZ	46.3378, 56.0988, 66.1435
YIQ	190.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

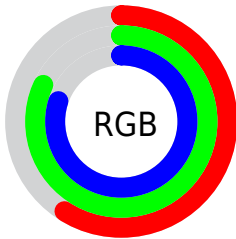
Format	Color
RYB	151, 180, 208
Decimal	9949389
CIELab	79.67, -18.85, -4.44
CIELCh	80, 19.364, 193.242
Yxy	56.0988, 0.2749, 0.3328
Android (android.graphics.Color)	4288139469 (0xFF97D0CD)
YUV	190.6150, 7.0918, -34.7424
Hunter-Lab	74.8992, -20.6410, 0.0704

Details

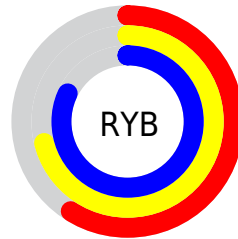
The YUV color **190.6150, 7.0918, -34.7424** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.3850, -7.0918, 34.7424**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **136.3270, 7.2338, -33.6128** is the 20% darker color. If you saturate the color by 10%, you get **184.2220, 9.7506, -47.5527**, and if you desaturate by 10%, it is **197.0080, 4.4331, -21.9320**.

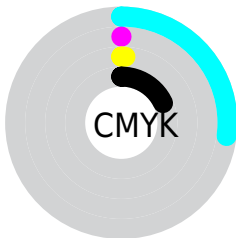
Distribution



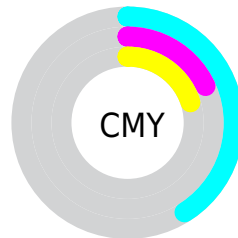
- Red (59%)
- Green (82%)
- Blue (80%)



- Red (59%)
- Yellow (71%)
- Blue (82%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (41%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.6150, 7.0918, -34.7424 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 190.6150, 7.0918, -34.7424 by changing the saturation by 10% instead.

■ 190.6150, 7.0918,
-34.7424

■ 190.6150, 7.0918,
-34.7424

255.0000, 0.0000,
0.0000

■ 163.0280, 7.3812,
-34.2276

■ 240.6480, 7.0755,
-29.5093

■ 136.3270, 7.2338,
-33.6128

■ 249.0200, 2.9481,
-12.2955

■ 110.3270, 7.2338,
-33.6128

■ 85.0280, 7.3812,
-34.2276

■ 59.8320, 7.9708,
-36.6867

■ 38.4410, 7.6706,
-33.7128

■ 23.0190, 4.4276,

-20.1877

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 190.6150, 7.0918,
-34.7424

■ 190.6150, 7.0918,
-34.7424

■ 184.2220, 9.7506,
-47.5527

■ 197.0080, 4.4331,
-21.9320

■ 177.8290, 12.4093,
-60.3630

■ 203.4010, 1.7743,
-9.1217

■ 171.7350, 14.9206,
-72.5586

■ 209.4950, -0.7370,
3.0739

■ 165.3420, 17.5794,
-85.3689

■ 215.8880, -3.3958,
15.8842

■ 158.9490, 20.2381,
-98.1793

■ 222.2810, -6.0545,
28.6946

■ 152.4420, 22.4601,
-110.8896

■ 222.5090, -5.1809,
28.4946

■ 146.0490, 25.1188,
-123.7000

■ 222.6230, -4.7441,
28.3946

■ 144.5540, 25.8559,
-126.7739

■ 222.7370, -4.3073,
28.2947

■ 222.8510, -3.8705,
28.1947

Harmonies

Analogous

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



191.4500, -2.6868, -24.9506



190.6150, 7.0918, -34.7424



191.2650, 14.6594, -35.3124

Triad

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



190.6150, 7.0918, -34.7424



200.1550, 11.7556, 9.5111



197.9520, -17.2313, 20.2131

Complementary

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



190.6150, 7.0918, -34.7424



168.3850, -7.0918, 34.7424

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.



199.7450, -13.1853, 29.1646



190.6150, 7.0918, -34.7424



201.0660, 3.4185, 23.6211

Square

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



190.6150, 7.0918, -34.7424



197.7120, 16.9040, -8.5174



200.5200, -5.1864, 30.2390



195.9780, -16.7512, 6.1583

Rectangle

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



190.6150, 7.0918, -34.7424



193.3950, 17.5533, -30.1644



200.5200, -5.1864, 30.2390



198.6150, -16.0792, 24.0166

Sweetspot

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



190.6150, 7.0918, -34.7424



248.9060, 2.5113, -12.1956



185.6550, -17.0849, -26.8844



123.9990, 1.4795, -7.8921



0.0000, 0.0000, 0.0000



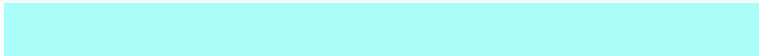
128.0000, 0.0000, 0.0000

Same Dimension

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



190.6150, 7.0918, -34.7424



229.4280, 10.6350, -51.2414



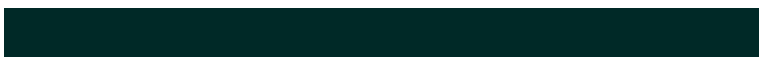
176.2820, 15.6370, -22.1723



101.5970, 1.1847, -6.6626



116.7420, 20.8332, -102.3827



28.5130, 5.1701, -25.0059

Inverse Universe

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



168.3850, -7.0918, 34.7424



196.5720, -10.6350, 51.2414



182.7180, -15.6370, 22.1723



97.4030, -1.1847, 6.6626



51.2580, -20.8332, 102.3827



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 190.6150, 7.0918, -34.7424 looks on a white background.

Color Contrast Check

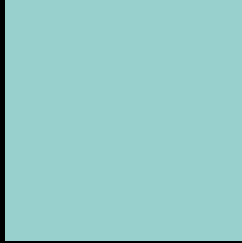
Large Text (above 18pt) WCAG AA × Fail

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 190.6150, 7.0918, -34.7424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

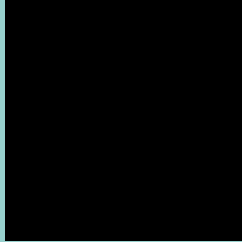
Any Text WCAG AA ✓ Pass

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 190.6150, 7.0918, -34.7424 Background



This preview shows how black text looks on a background with the YUV color 190.6150, 7.0918, -34.7424.



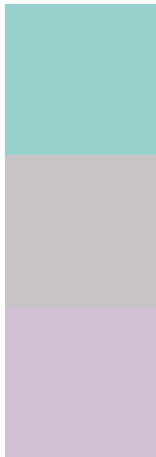
This preview shows how white text looks on a background with the YUV color 190.6150, 7.0918, -34.7424.

-34.7424.

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

190.6150, 7.0918, -34.7424

Protanopia

197.4240, 0.2840, 2.2592

Deuteranopia

198.7330, 5.0616, 9.8812



Tritanopia

191.9880, 14.7959, -32.4385

Trichromacy



Original Color

190.6150, 7.0918, -34.7424

Protanomaly

194.7320, 3.0901, -11.1660

Deuteranomaly

195.8620, 5.9840, -6.0180

Tritanomaly

191.5920, 12.0331, -32.9682

Monochromacy



Original Color

190.6150, 7.0918, -34.7424

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.6070, 2.6587, -12.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6150, 7.0918, -34.7424 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(151, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(151, 208, 205)  
}
```

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(151, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 208, 205) }
```

Border

The CSS property to change the border of an element to YUV 190.6150, 7.0918, -34.7424 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(151, 208, 205) }
```


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

```
.border{ border-color:rgb(151, 208, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(151, 208,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 190.6150, 7.0918, -34.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 208, 205) }
```

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

```
.background{ background-color: rgb(151,  
208, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor