

Converting Colors

YUV(191.7780, 6.5184,
-37.5163)

Have a look what the booklet for
YUV(191.7780, 6.5184, -37.5163)
contains.

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Color

**YUV(191.7780, 6.5184,
-37.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	95D3CD
RGB	149, 211, 205
RGB Percent	58%, 83%, 80%
CMY	0.4157, 0.1725, 0.1961
CMYK	0.29, 0.00, 0.03, 0.17
HSL	174°, 41%, 71%
HSV	174°, 29%, 83%
XYZ	46.7081, 57.3859, 66.3724
YIQ	191.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

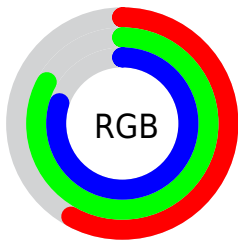
Format	Color
RYB	149, 182, 211
Decimal	9819085
CIELab	80.40, -20.93, -3.38
CIELCh	80, 21.204, 189.169
Yxy	57.3859, 0.2740, 0.3366
Android (android.graphics.Color)	4288009165 (0xFF95D3CD)
YUV	191.7780, 6.5184, -37.5163
Hunter-Lab	75.7535, -22.5089, 1.0797

Details

The YUV color **191.7780, 6.5184, -37.5163** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.2220, -6.5184, 37.5163**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **137.4900, 6.6604, -36.3867** is the 20% darker color. If you saturate the color by 10%, you get **185.2710, 8.7404, -50.2267**, and if you desaturate by 10%, it is **198.2850, 4.2965, -24.8059**.

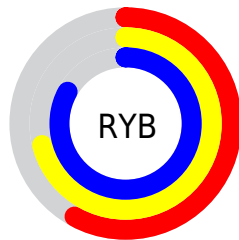
Distribution



Red (58%)

Green (83%)

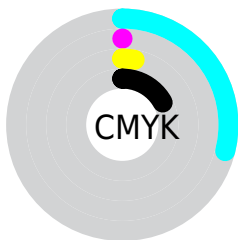
Blue (80%)



Red (58%)

Yellow (71%)

Blue (83%)

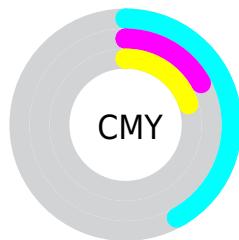


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7780, 6.5184, -37.5163 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 191.7780, 6.5184, -37.5163 by changing the saturation by 10% instead.

■ 191.7780, 6.5184,
-37.5163

■ 191.7780, 6.5184,
-37.5163

255.0000, 0.0000,
0.0000

■ 164.1910, 6.8078,
-37.0015

■ 240.0500, 7.3704,
-30.7388

■ 137.4900, 6.6604,
-36.3867

■ 248.4220, 3.2430,
-13.5251

■ 111.4900, 6.6604,
-36.3867

■ 85.8920, 6.9552,
-37.6163

■ 59.2120, 8.2765,
-41.4049

■ 39.6150, 7.0918,
-34.7424

■ 24.1930, 3.8489,

-21.2173

■ 2.9010, 3.4998,
-2.5442

■ 0.0000, 0.0000,
0.0000

■ 191.7780, 6.5184,
-37.5163

■ 191.7780, 6.5184,
-37.5163

■ 185.2710, 8.7404,
-50.2267

■ 198.2850, 4.2965,
-24.8059

■ 178.7640, 10.9623,
-62.9370

■ 204.7920, 2.0745,
-12.0956

■ 172.2570, 13.1843,
-75.6474

■ 211.2990, -0.1474,
0.6148

■ 165.7500, 15.4062,
-88.3577

■ 217.8060, -2.3694,
13.3251

■ 159.2430, 17.6282,
-101.0681

■ 224.6120, -4.7387,
26.6503

■ 152.4370, 19.9976,
-114.3932

■ 224.8400, -3.8651,
26.4503

■ 145.9300, 22.2195,
-127.1036

■ 225.0680, -2.9915,
26.2504

■ 145.6310, 22.3669,
-127.7184

■ 225.2960, -2.1179,
26.0504

■ 225.5240, -1.2443,
25.8505

Harmonies

Analogous

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



193.3960, -4.1392, -25.7803



191.7780, 6.5184, -37.5163



192.1720, 15.6912, -39.6158

Triad

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



191.7780, 6.5184, -37.5163



202.0130, 13.7976, 7.8816



200.3330, -18.4052, 23.3870

Complementary

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



191.7780, 6.5184, -37.5163



168.2220, -6.5184, 37.5163

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.



201.7670, -13.1961, 32.6533



191.7780, 6.5184, -37.5163



202.9350, 5.4550, 23.7360

Square

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



191.7780, 6.5184, -37.5163



199.2600, 19.0988, -12.5060



203.0580, -4.4656, 32.3981



198.1310, -18.7986, 9.5321

Rectangle

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



191.7780, 6.5184, -37.5163



194.1170, 19.1693, -35.1826



203.0580, -4.4656, 32.3981



200.4090, -16.9636, 27.7053

Sweetspot

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



191.7780, 6.5184, -37.5163



247.8950, 2.5168, -13.9399



187.1880, -18.8267, -28.2289



123.2870, 1.3375, -9.0217



0.0000, 0.0000, 0.0000



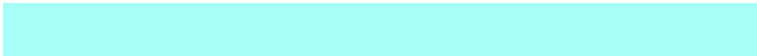
128.0000, 0.0000, 0.0000

Same Dimension

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



191.7780, 6.5184, -37.5163



227.3630, 9.1880, -53.8154



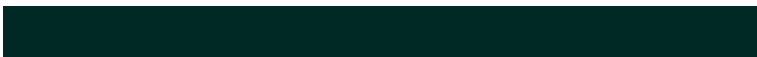
177.7870, 16.3740, -25.2462



101.5970, 1.1847, -6.6626



115.9440, 17.7756, -101.6829



28.2850, 4.2965, -24.8059

Inverse Universe

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



168.2220, -6.5184, 37.5163



193.5230, -9.6248, 53.9153



182.2130, -16.3740, 25.2462



97.4030, -1.1847, 6.6626



52.0560, -17.7756, 101.6829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 191.7780, 6.5184, -37.5163 looks on a white background.

Color Contrast Check

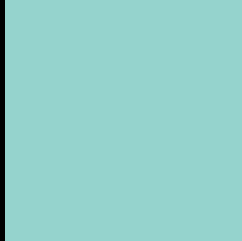
Large Text (above 18pt) WCAG AA × Fail

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 191.7780, 6.5184, -37.5163 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

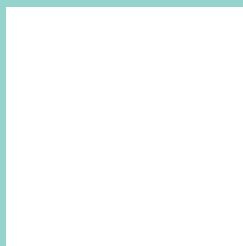
Any Text WCAG AAA ✓ Pass

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

YUV 191.7780, 6.5184, -37.5163 Background



This preview shows how black text looks on a background with the YUV color 191.7780, 6.5184, -37.5163.



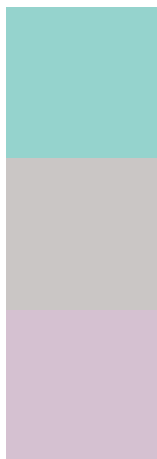
This preview shows how white text looks on a background with the YUV color 191.7780, 6.5184,

-37.5163.

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

191.7780, 6.5184, -37.5163

Protanopia

199.0820, -1.0264, 2.5591

Deuteranopia

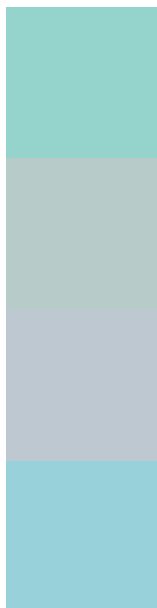
200.8040, 4.0406, 10.6959



Tritanopia

193.4930, 15.5330, -35.5124

Trichromacy



Original Color

191.7780, 6.5184, -37.5163

Protanomaly

196.6780, 1.6377, -11.9956

Deuteranomaly

197.9220, 4.9685, -6.9476

Tritanomaly

192.9830, 12.3334, -35.9421

Monochromacy



Original Color

191.7780, 6.5184, -37.5163

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7780, 6.5184, -37.5163 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(149, 211, 205)` looks like.

```
.text, #text, p{  
    color:rgb(149, 211, 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(149, 211, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 211, 205) }
```

Border

The CSS property to change the border of an element to YUV 191.7780, 6.5184, -37.5163 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(149, 211, 205) }
```


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

```
.border{ border-color:rgb(149, 211, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 211, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 211, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 211, 205);  
box-shadow:4px 4px 4px 4px rgb(149, 211,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 191.7780, 6.5184, -37.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 211, 205) }
```

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

```
.background{ background-color: rgb(149,  
211, 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](#).

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