

Converting Colors

YUV(195.6090, 2.6578,
-59.2931)

Have a look what the booklet for
YUV(195.6090, 2.6578, -59.2931)
contains.

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Color

**YUV(195.6090, 2.6578,
-59.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	80E5C9
RGB	128, 229, 201
RGB Percent	50%, 90%, 79%
CMY	0.4980, 0.1020, 0.2118
CMYK	0.44, 0.00, 0.12, 0.10
HSL	163°, 66%, 70%
HSV	163°, 44%, 90%
XYZ	47.4640, 64.8449, 65.2730
YIQ	195.6090, -51.2080, -30.1200

Conversions

Conversions Part 2

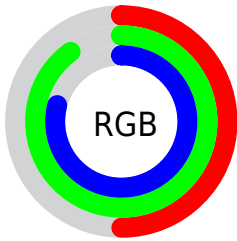
Format	Color
RYB	128, 187, 229
Decimal	8447433
CIELab	84.40, -36.09, 4.47
CIELCh	84, 36.366, 172.936
Yxy	64.8449, 0.2673, 0.3652
Android (android.graphics.Color)	4286637513 (0xFF80E5C9)
YUV	195.6090, 2.6578, -59.2931
Hunter-Lab	80.5263, -35.7091, 8.3091

Details

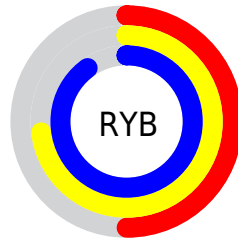
The YUV color **195.6090, 2.6578, -59.2931** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **161.3910, -2.6578, 59.2931**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **139.2390, 3.8262, -60.7226** is the 20% darker color. If you saturate the color by 10%, you get **188.0480, 3.4273, -72.8331**, and if you desaturate by 10%, it is **203.1700, 1.8882, -45.7531**.

Distribution



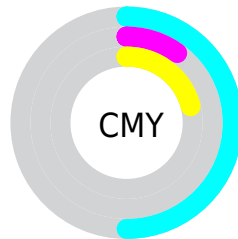
- Red (50%)
- Green (90%)
- Blue (79%)



- Red (50%)
- Yellow (73%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6090, 2.6578, -59.2931 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 195.6090, 2.6578, -59.2931 by changing the saturation by 10% instead.

■ 195.6090, 2.6578,
-59.2931

■ 195.6090, 2.6578,
-59.2931

255.0000, 0.0000,
0.0000

■ 167.7230, 3.0946,
-59.3931

■ 234.0700, 10.3185,
-43.0344

■ 139.2390, 3.8262,
-60.7226

■ 242.7410, 6.0437,
-25.2059

■ 110.5590, 5.1474,
-64.5112

■ 251.7110, 1.6215,
-6.7625

■ 81.4980, 7.6425,
-71.4737

■ 64.0870, 4.3941,
-56.2043

■ 46.7900, 1.5825,
-41.0348

■ 30.8950, -0.9342,

-27.0949

■ 14.5440, -5.1982,
-12.7551

■ 0.0000, 0.0000,
0.0000

■ 195.6090, 2.6578,
-59.2931

■ 195.6090, 2.6578,
-59.2931

■ 188.0480, 3.4273,
-72.8331

■ 203.1700, 1.8882,
-45.7531

■ 180.3730, 3.7601,
-86.2731

■ 210.8450, 1.5554,
-32.3131

■ 172.8120, 4.5297,
-99.8131

■ 218.4060, 0.7858,
-18.7731

■ 165.2510, 5.2993,
-113.3531

■ 225.9670, 0.0163,
-5.2331

■ 157.5760, 5.6320,
-126.7932

■ 233.6420, -0.3165,
8.2070

■ 153.3470, 6.2379,
-134.4853

■ 237.9140, 0.5354,
14.9844

■ 238.5980, 3.1562,
14.3846

■ 239.3960, 6.2138,
13.6847

■ 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



201.4590, -16.4953, -29.3435



195.6090, 2.6578, -59.2931



190.9280, 22.2205, -80.6209

Triad

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



195.6090, 2.6578, -59.2931



210.4010, 21.9873, -5.6137



208.0210, -25.1534, 41.2006

Complementary

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



195.6090, 2.6578, -59.2931



161.3910, -2.6578, 59.2931

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.



206.6310, -10.1711, 42.4196



195.6090, 2.6578, -59.2931



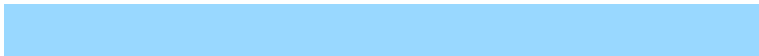
215.8720, 17.8111, 27.2993

Square

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



195.6090, 2.6578, -59.2931



201.6090, 26.3218, -42.6301



210.5070, 4.6800, 39.0204



209.5820, -32.8249, 28.4306

Rectangle

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



195.6090, 2.6578, -59.2931



192.2190, 30.9510, -80.8761



210.5070, 4.6800, 39.0204



207.1720, -20.7908, 41.9452

Sweetspot

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



195.6090, 2.6578, -59.2931



244.1070, 0.9332, -19.3878



195.9580, -33.5033, -34.1662



121.0370, 0.4748, -12.3104



0.0000, 0.0000, 0.0000



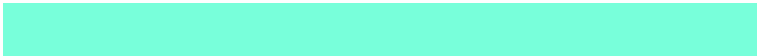
128.0000, 0.0000, 0.0000

Same Dimension

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



195.6090, 2.6578, -59.2931



210.4170, 3.7384, -79.2957



185.8870, 21.2547, -50.7669



111.0700, 0.4585, -7.0774



119.7790, 4.5460, -105.0462



34.1550, 1.4026, -29.9539

Inverse Universe

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



161.3910, -2.6578, 59.2931



164.5830, -3.7384, 79.2957



171.1130, -21.2547, 50.7669



106.9300, -0.4585, 7.0774



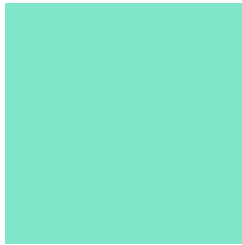
59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 195.6090, 2.6578, -59.2931 looks on a white background.

Color Contrast Check

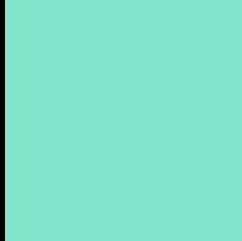
Large Text (above 18pt) WCAG AA × Fail

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 195.6090, 2.6578, -59.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

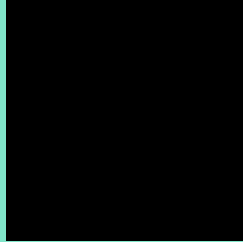
Any Text WCAG AA ✓ Pass

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 195.6090, 2.6578, -59.2931 Background



This preview shows how black text looks on a background with the YUV color 195.6090, 2.6578, -59.2931.



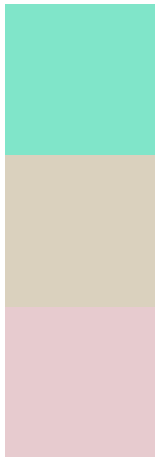
This preview shows how white text looks on a background with the YUV color 195.6090, 2.6578,

-59.2931.

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

195.6090, 2.6578, -59.2931

Protanopia

209.5250, -9.6258, 7.4326

Deuteranopia

211.8280, -2.3802, 16.8138



Tritanopia

199.9360, 20.2446, -53.4409

Trichromacy



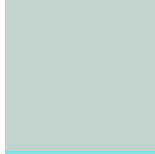
Original Color

195.6090, 2.6578, -59.2931



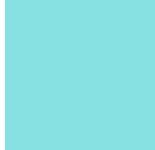
Protanomaly

204.2230, -5.0399, -16.8586



Deuteranomaly

205.8200, -0.4043, -10.3661



Tritanomaly

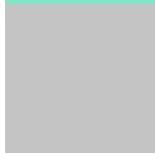
198.2040, 13.7034, -55.4299

Monochromacy



Original Color

195.6090, 2.6578, -59.2931



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.7970, 1.0861, -21.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6090, 2.6578, -59.2931 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(128, 229, 201)` looks like.

```
.text, #text, p{  
    color:rgb(128, 229, 201)  
}
```

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(128, 229, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 229, 201) }
```

Border

The CSS property to change the border of an element to YUV 195.6090, 2.6578, -59.2931 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(128, 229, 201) }
```


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

```
.border{ border-color:rgb(128, 229, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 229, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 229, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 229, 201);  
box-shadow:4px 4px 4px 4px rgb(128, 229,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 195.6090, 2.6578, -59.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 229, 201) }
```

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

```
.background{ background-color: rgb(128,  
229, 201) }
```

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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