

Converting Colors

YUV(194.0190, -5.9254,
-59.6527)

Have a look what the booklet for
YUV(194.0190, -5.9254, -59.6527)
contains.

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Color

**YUV(194.0190, -5.9254,
-59.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE7B6
RGB	126, 231, 182
RGB Percent	49%, 91%, 71%
CMY	0.5059, 0.0941, 0.2863
CMYK	0.45, 0.00, 0.21, 0.09
HSL	152°, 69%, 70%
HSV	152°, 45%, 91%
XYZ	45.6236, 64.9648, 54.3908
YIQ	194.0190, -46.8510, -37.4990

Conversions

Conversions Part 2

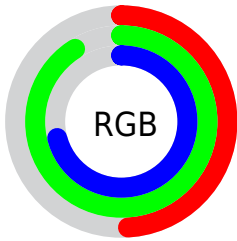
Format	Color
RYB	126, 194, 231
Decimal	8316854
CIELab	84.47, -41.55, 14.53
CIELCh	84, 44.018, 160.731
Yxy	64.9648, 0.2765, 0.3938
Android (android.graphics.Color)	4286506934 (0xFF7EE7B6)
YUV	194.0190, -5.9254, -59.6527
Hunter-Lab	80.6008, -40.0125, 16.4106

Details

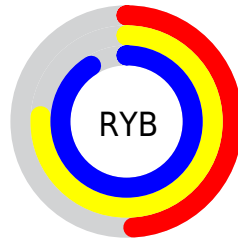
The YUV color **194.0190, -5.9254, -59.6527** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **162.9810, 5.9254, 59.6527**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5340, 3.1877, -42.5643**, and **137.7630, -4.3202, -61.1822** is the 20% darker color. If you saturate the color by 10%, you get **185.8880, -7.3398, -72.6928**, and if you desaturate by 10%, it is **202.1500, -4.5109, -46.6125**.

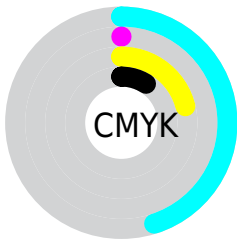
Distribution



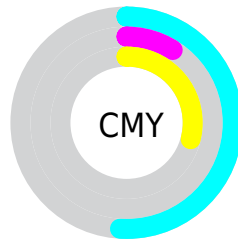
- Red (49%)
- Green (91%)
- Blue (71%)



- Red (49%)
- Yellow (76%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)




- Cyan (51%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0190, -5.9254, -59.6527 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 194.0190, -5.9254, -59.6527 by changing the saturation by 10% instead.


 194.0190, -5.9254,
-59.6527

 194.0190, -5.9254,
-59.6527


255.0000, 0.0000,
0.0000


 165.8340, -5.3412,
-60.3674


 231.5340, 3.1877,
-42.5643

 137.7630, -4.3202,
-61.1822


 242.1430, 6.3385,
-26.4354

 109.1970, -2.5621,
-65.0708

 251.1130, 1.9163,
-7.9921

 80.1470, -0.0725,
-70.2889

 62.8500, -2.8840,
-55.1194

 45.6670, -5.2588,
-40.0500

 29.7720, -7.7756,

-26.1100

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 194.0190, -5.9254,
-59.6527

■ 194.0190, -5.9254,
-59.6527

■ 185.8880, -7.3398,
-72.6928

■ 202.1500, -4.5109,
-46.6125

■ 177.7570, -8.7542,
-85.7329

■ 210.2810, -3.0965,
-33.5724

■ 169.7400, -9.7318,
-98.8730

■ 218.2980, -2.1189,
-20.4323

■ 161.6090,
-11.1462, -111.9131

■ 226.4290, -0.7045,
-7.3922

■ 153.1790,
-12.4132, -125.5680

■ 234.8590, 0.5625,
6.2627

■ 149.6190,
-13.1232, -131.2159

■ 240.0000, 3.4510,
13.1550

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



201.3540, -27.2895, -20.4815



194.0190, -5.9254, -59.6527



182.4540, 20.9752, -101.2532

Triad

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



194.0190, -5.9254, -59.6527



204.6650, 24.8152, -26.0162



203.5530, -21.9646, 45.1190

Complementary

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



194.0190, -5.9254, -59.6527



162.9810, 5.9254, 59.6527

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.



203.1890, -3.0512, 45.4382



194.0190, -5.9254, -59.6527



213.8000, 20.3116, 18.5924

Square

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



194.0190, -5.9254, -59.6527



190.7680, 31.6664, -76.9725



210.3250, 14.1368, 39.1800



208.2200, -37.0835, 41.0261

Rectangle

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



194.0190, -5.9254, -59.6527



174.1810, 38.3648, -125.5697



210.3250, 14.1368, 39.1800



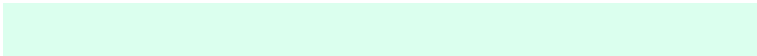
202.4590, -16.0023, 46.0785

Sweetspot

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



194.0190, -5.9254, -59.6527



242.2980, -2.1189, -20.4323



202.2860, -37.6090, -23.9298



120.1680, -1.5618, -12.4253



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.



194.0190, -5.9254, -59.6527



205.7300, -7.7549, -79.5702



197.8440, 16.3459, -63.0072



110.7280, -0.8519, -6.7775



115.9030, -10.3052, -101.6469



33.0150, -2.9654, -28.9542

Inverse Universe

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



162.9810, 5.9254, 59.6527



164.2700, 7.7549, 79.5702



159.7430, -16.6353, 62.4924



107.2720, 0.8519, 6.7775



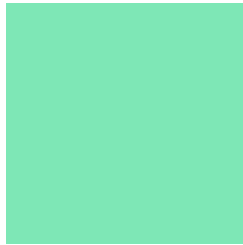
62.9830, 9.8684, 101.7469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 194.0190, -5.9254, -59.6527 looks on a white background.

Color Contrast Check

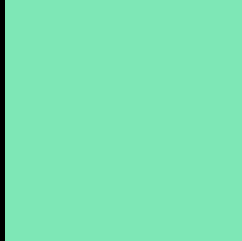
Large Text (above 18pt) WCAG AA × Fail

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 194.0190, -5.9254, -59.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

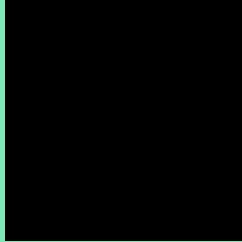
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.0190, -5.9254, -59.6527

Background



This preview shows how black text looks on a background with the YUV color 194.0190, -5.9254, -59.6527.



This preview shows how white text looks on a background with the YUV color 194.0190, -5.9254, -59.6527.

-59.6527.

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

194.0190, -5.9254, -59.6527

Protanopia

208.5550, -18.5146, 11.7913

Deuteranopia

211.1680, -11.4218, 23.5317



Tritanopia

200.5340, 19.9497, -52.2113

Trichromacy



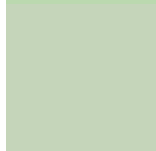
Original Color

194.0190, -5.9254, -59.6527



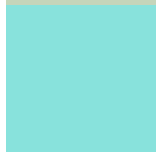
Protanomaly

203.2420, -13.9233, -14.2442



Deuteranomaly

205.1380, -9.4350, -7.1370



Tritanomaly

198.4060, 10.6458, -54.7301

Monochromacy



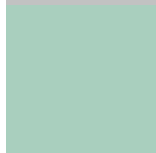
Original Color

194.0190, -5.9254, -59.6527



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.7000, -1.8241, -21.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0190, -5.9254, -59.6527 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(126, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(126, 231, 182)  
}
```

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(126, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 231, 182) }
```

Border

The CSS property to change the border of an element to YUV 194.0190, -5.9254, -59.6527 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(126, 231, 182) }
```


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

```
.border{ border-color:rgb(126, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(126, 231,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 194.0190, -5.9254, -59.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 231, 182) }
```

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

```
.background{ background-color: rgb(126,  
231, 182) }
```

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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