

Converting Colors

YUV(197.1150, -1.5357,
-67.6299)

Have a look what the booklet for
YUV(197.1150, -1.5357, -67.6299)
contains.

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Color

**YUV(197.1150, -1.5357,
-67.6299)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78EDC2 |
| RGB | 120, 237, 194 |
| RGB Percent | 47%, 93%, 76% |
| CMY | 0.5294, 0.0706, 0.2392 |
| CMYK | 0.49, 0.00, 0.18, 0.07 |
| HSL | 158°, 76%, 70% |
| HSV | 158°, 49%, 93% |
| XYZ | 47.7675, 68.4565, 61.7347 |
| YIQ | 197.1150, -55.9290, -38.1770 |

Conversions

Conversions Part 2

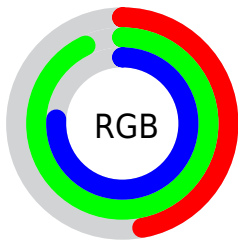
| Format | Color |
|-------------------------------------|---|
| RYB | 120, 192, 237 |
| Decimal | 7925186 |
| CIELab | 86.23, -43.14, 10.73 |
| CIELCh | 86, 44.451, 166.029 |
| Yxy | 68.4565, 0.2684, 0.3847 |
| Android (android.graphics.Color) | 4286115266 (0xFF78EDC2) |
| YUV | 197.1150, -1.5357, -67.6299 |
| Hunter-Lab | 82.7384, -41.7386, 13.6781 |

Details

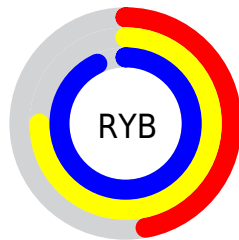
The YUV color **197.1150, -1.5357, -67.6299** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **159.8850, 1.5357, 67.6299**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5210, 9.6031, -46.9379**, and **139.2610, 0.3643, -70.3889** is the 20% darker color. If you saturate the color by 10%, you get **188.9130, -1.9291, -81.4847**, and if you desaturate by 10%, it is **205.3170, -1.1423, -53.7750**.

Distribution



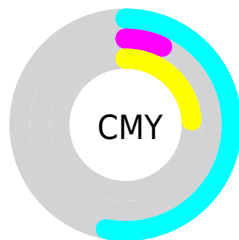
- Red (47%)
- Green (93%)
- Blue (76%)



- Red (47%)
- Yellow (75%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.1150, -1.5357, -67.6299 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 197.1150, -1.5357, -67.6299 by changing the saturation by 10% instead.

■ 197.1150, -1.5357,
-67.6299

■ 197.1150, -1.5357,
-67.6299

255.0000, 0.0000,
0.0000

■ 168.0440, -0.5147,
-68.4446

■ 231.5210, 9.6031,
-46.9379

■ 139.2610, 0.3643,
-70.3889

■ 240.9470, 6.9281,
-28.8945

■ 107.1070, 3.8912,
-81.6548

■ 249.9170, 2.5059,
-10.4512

■ 84.8090, 2.5592,
-74.3775

■ 66.9250, 0.0370,
-58.6932

■ 49.7420, -2.3378,
-43.6237

■ 33.2600, -4.5652,

-29.1690

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 197.1150, -1.5357,
-67.6299

■ 197.1150, -1.5357,
-67.6299

■ 188.9130, -1.9291,
-81.4847

■ 205.3170, -1.1423,
-53.7750

■ 181.1240, -2.0331,
-94.8247

■ 213.1060, -1.0383,
-40.4350


■ 172.9220, -2.4265,
-108.6796


■ 221.3080, -0.6448,
-26.5801


■ 164.7200, -2.8200,
-122.5344


■ 229.5100, -0.2514,
-12.7253

 156.8170, -3.3608,
-135.7745

 237.4130, 0.2894,
0.5148

 156.2190, -3.0660,
-137.0041

 243.4080, 1.2779,
10.1662

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



205.4070, -24.3577, -27.5439



197.1150, -1.5357, -67.6299



184.7780, 26.2384, -109.4303

Triad

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



197.1150, -1.5357, -67.6299



210.9220, 21.7305, -16.5946



206.8470, -24.5746, 42.2302

Complementary

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



197.1150, -1.5357, -67.6299



159.8850, 1.5357, 67.6299

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.



206.4830, -5.6611, 42.5494



197.1150, -1.5357, -67.6299



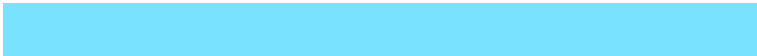
219.1600, 17.6691, 26.1697

Square

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



197.1150, -1.5357, -67.6299



197.6120, 28.2923, -68.0657



211.8580, 12.3950, 37.8355



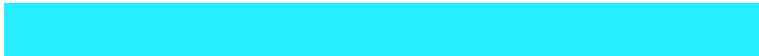
212.4430, -38.6724, 37.3225

Rectangle

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



197.1150, -1.5357, -67.6299



178.6650, 37.6332, -124.2402



211.8580, 12.3950, 37.8355



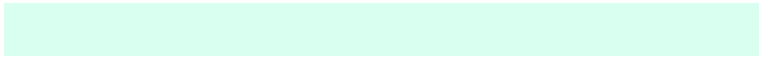
205.7530, -18.6122, 43.1896

Sweetspot

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



197.1150, -1.5357, -67.6299



242.0420, -0.5137, -21.9618



202.1340, -40.4921, -32.5665



120.0970, -0.5408, -13.2401



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.



197.1150, -1.5357, -67.6299



203.8800, -1.9128, -86.7178



193.7990, 21.2981, -64.7217



113.2550, -0.1257, -6.3626



119.3570, -2.1480, -104.6761



35.5740, -0.7760, -31.1984

Inverse Universe

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



159.8850, 1.5357, 67.6299



156.1200, 1.9128, 86.7178



163.2010, -21.2981, 64.7217



109.7450, 0.1257, 6.3626



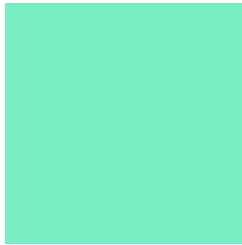
61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 197.1150, -1.5357, -67.6299 looks on a white background.

Color Contrast Check

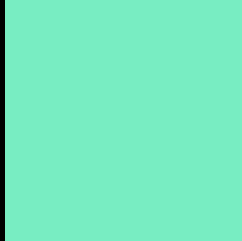
Large Text (above 18pt) WCAG AA × Fail

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 197.1150, -1.5357, -67.6299 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 197.1150, -1.5357, -67.6299

Background



This preview shows how black text looks on a background with the YUV color 197.1150, -1.5357, -67.6299.



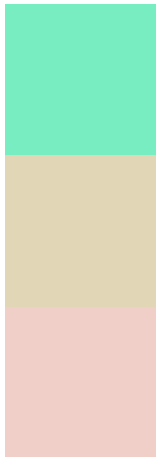
This preview shows how white text looks on a background with the YUV color 197.1150, -1.5357,

-67.6299.

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

197.1150, -1.5357, -67.6299

Protanopia

213.6410, -15.5990, 9.9618

Deuteranopia

216.0690, -7.9220, 20.9875



Tritanopia

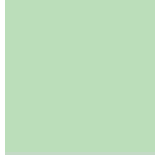
203.6470, 21.8660, -60.2034

Trichromacy



Original Color

197.1150, -1.5357, -67.6299



Protanomaly

207.4310, -10.5655, -17.9180



Deuteranomaly

209.1420, -5.4930, -11.5255



Tritanomaly

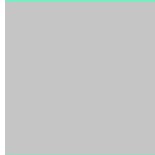
201.6330, 12.9989, -62.8221

Monochromacy



Original Color

197.1150, -1.5357, -67.6299



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.3190, -0.6503, -24.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.1150, -1.5357, -67.6299 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(120, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(120, 237, 194)  
}
```

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(120, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 237, 194) }
```

Border

The CSS property to change the border of an element to YUV 197.1150, -1.5357, -67.6299 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(120, 237, 194) }
```


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

```
.border{ border-color:rgb(120, 237, 194) }
```

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

Here you see how a box with a 4 pixel rgb(120, 237, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(120, 237,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 197.1150, -1.5357, -67.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 237, 194) }
```

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

```
.background{ background-color: rgb(120,  
237, 194) }
```

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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