

Converting Colors

YUV(189.3290, -6.0782,
-57.2935)

Have a look what the booklet for
YUV(189.3290, -6.0782, -57.2935)
contains.

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Color

**YUV(189.3290, -6.0782,
-57.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE1B1
RGB	124, 225, 177
RGB Percent	49%, 88%, 69%
CMY	0.5137, 0.1176, 0.3059
CMYK	0.45, 0.00, 0.21, 0.12
HSL	151°, 63%, 68%
HSV	151°, 45%, 88%
XYZ	43.1732, 61.3098, 51.1535
YIQ	189.3290, -44.7880, -36.3400

Conversions

Conversions Part 2

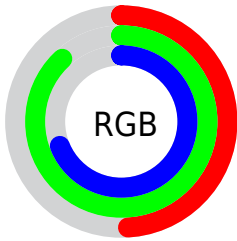
Format	Color
RYB	124, 190, 225
Decimal	8184241
CIELab	82.55, -40.41, 14.43
CIELCh	83, 42.910, 160.353
Yxy	61.3098, 0.2774, 0.3939
Android (android.graphics.Color)	4286374321 (0xFF7CE1B1)
YUV	189.3290, -6.0782, -57.2935
Hunter-Lab	78.3006, -38.6051, 16.0765

Details

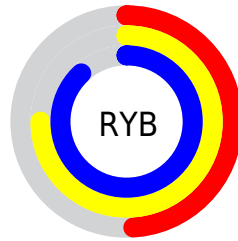
The YUV color **189.3290, -6.0782, -57.2935** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **159.6710, 6.0782, 57.2935**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3660, 1.2986, -43.2940**, and **133.3720, -4.6204, -58.2082** is the 20% darker color. If you saturate the color by 10%, you get **181.4970, -7.6400, -69.7189**, and if you desaturate by 10%, it is **197.4600, -4.6638, -44.2534**.

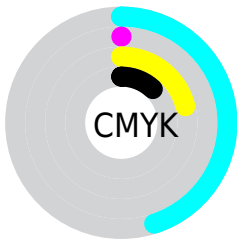
Distribution



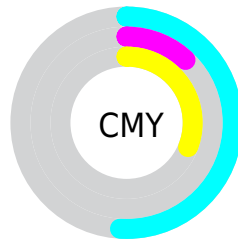
- Red (49%)
- Green (88%)
- Blue (69%)



- Red (49%)
- Yellow (75%)
- Blue (88%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3290, -6.0782, -57.2935 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 189.3290, -6.0782, -57.2935 by changing the saturation by 10% instead.

 189.3290, -6.0782,
-57.2935

 189.3290, -6.0782,
-57.2935


255.0000, 0.0000,
0.0000


 161.4430, -5.6414,
-57.3935


 230.3660, 1.2986,
-43.2940


 133.3720, -4.6204,
-58.2082


 241.5450, 6.6333,
-27.6650

 104.8060, -2.8624,
-62.0969

 250.2160, 2.3585,
-9.8364

 76.6420, -0.8095,
-67.2150

 59.3450, -3.6211,
-52.0456

 42.2760, -5.5591,
-37.0761

 26.7400, -9.2388,

-23.4510

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 189.3290, -6.0782,
-57.2935

■ 189.3290, -6.0782,
-57.2935

■ 181.4970, -7.6400,
-69.7189

■ 197.4600, -4.6638,
-44.2534

■ 173.4800, -8.6176,
-82.8590

■ 205.1780, -3.5388,
-31.7281

■ 165.6480,
-10.1795, -95.2843

■ 213.3090, -2.1243,
-18.6880

■ 157.5170,
-11.5939, -108.3244

■ 221.1410, -0.5625,
-6.2627

■ 149.5000,
-12.5715, -121.4645

■ 228.8590, 0.5625,
6.2627

■ 145.5270,
-13.5708, -127.6272

■ 235.7940, 2.5666,
16.8437

■ 237.0480, 7.3713,
15.7439

■ 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



196.2940, -26.2739, -19.5518



189.3290, -6.0782, -57.2935



178.2480, 20.0907, -97.5645

Triad

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



189.3290, -6.0782, -57.2935



200.2350, 26.9991, -26.5161



200.1620, -22.2649, 48.0929

Complementary

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



189.3290, -6.0782, -57.2935



159.6710, 6.0782, 57.2935

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.



200.3850, -3.6408, 47.8974



189.3290, -6.0782, -57.2935



208.7720, 22.7904, 16.8630

Square

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



189.3290, -6.0782, -57.2935



186.3490, 33.8449, -75.7281



207.2930, 12.6736, 41.8390



204.9430, -36.9469, 43.9000

Rectangle

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



189.3290, -6.0782, -57.2935



171.0570, 36.4539, -119.3220



207.2930, 12.6736, 41.8390



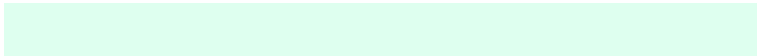
199.7690, -16.1551, 48.4376

Sweetspot

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



189.3290, -6.0782, -57.2935



243.3090, -2.1243, -18.6880



197.9380, -36.4514, -21.8706



120.5810, -1.2724, -11.9105



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.



189.3290, -6.0782, -57.2935



206.3280, -8.0497, -78.3407



193.6270, 15.4669, -61.0629



108.1410, -0.5625, -6.2627



113.8000, -10.7474, -99.8026



31.0260, -2.9708, -27.2098

Inverse Universe

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



159.6710, 6.0782, 57.2935



165.7860, 8.4865, 78.2407



155.3730, -15.4669, 61.0629



104.8590, 0.5625, 6.2627



62.2000, 10.7474, 99.8026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 189.3290, -6.0782, -57.2935 looks on a white background.

Color Contrast Check

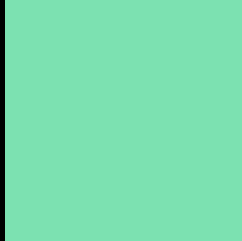
Large Text (above 18pt) WCAG AA × Fail

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 189.3290, -6.0782, -57.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

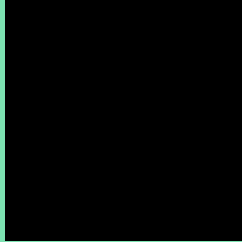
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3290, -6.0782, -57.2935

Background



This preview shows how black text looks on a background with the YUV color 189.3290, -6.0782, -57.2935.



This preview shows how white text looks on a background with the YUV color 189.3290, -6.0782, -57.2935.

-57.2935.

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

189.3290, -6.0782, -57.2935

Protanopia

203.3700, -17.9304, 11.0765

Deuteranopia

205.8690, -11.2744, 22.9169



Tritanopia

195.7300, 19.3601, -49.7522

Trichromacy



Original Color

189.3290, -6.0782, -57.2935



Protanomaly

198.6550, -13.6339, -13.7294



Deuteranomaly

199.8500, -9.2930, -6.0074



Tritanomaly

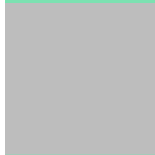
193.6020, 10.0562, -52.2710

Monochromacy



Original Color

189.3290, -6.0782, -57.2935



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9990, -1.9715, -21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3290, -6.0782, -57.2935 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(124, 225, 177)` looks like.

```
.text, #text, p{  
    color:rgb(124, 225, 177)  
}
```

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(124, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 225, 177) }
```

Border

The CSS property to change the border of an element to YUV 189.3290, -6.0782, -57.2935 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(124, 225, 177) }
```


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

```
.border{ border-color:rgb(124, 225, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 225, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 225, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 225, 177);  
box-shadow:4px 4px 4px 4px rgb(124, 225,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 189.3290, -6.0782, -57.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 225, 177) }
```

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

```
.background{ background-color: rgb(124,  
225, 177) }
```

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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