

Converting Colors

YUV(189.5180, 0.7306,
-47.8123)

Have a look what the booklet for
YUV(189.5180, 0.7306, -47.8123)
contains.

YUV(189.5180, 0.7306, -47.8123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.5180, 0.7306,
-47.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	87D9BF
RGB	135, 217, 191
RGB Percent	53%, 85%, 75%
CMY	0.4706, 0.1490, 0.2510
CMYK	0.38, 0.00, 0.12, 0.15
HSL	161°, 52%, 69%
HSV	161°, 38%, 85%
XYZ	44.2085, 58.5382, 58.2592
YIQ	189.5180, -40.5260, -25.4700

Conversions

Conversions Part 2

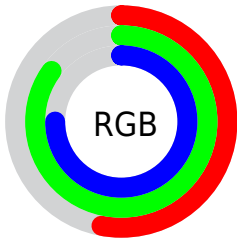
Format	Color
RYB	135, 184, 217
Decimal	8903103
CIELab	81.04, -30.86, 4.94
CIELCh	81, 31.256, 170.910
Yxy	58.5382, 0.2746, 0.3636
Android (android.graphics.Color)	4287093183 (0xFF87D9BF)
YUV	189.5180, 0.7306, -47.8123
Hunter-Lab	76.5103, -30.7536, 8.4105

Details

The YUV color **189.5180, 0.7306, -47.8123** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.4820, -0.7306, 47.8123**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9520, 5.9397, -38.5459**, and **134.7460, 1.6042, -48.0122** is the 20% darker color. If you saturate the color by 10%, you get **182.1420, 0.9160, -60.6375**, and if you desaturate by 10%, it is **196.8940, 0.5453, -34.9870**.

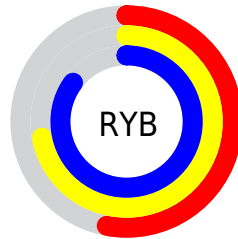
Distribution



Red (53%)

Green (85%)

Blue (75%)



Red (53%)

Yellow (72%)

Blue (85%)

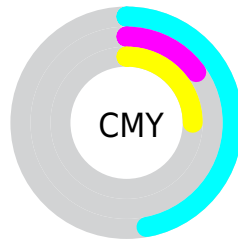


Cyan (38%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (47%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5180, 0.7306, -47.8123 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 189.5180, 0.7306, -47.8123 by changing the saturation by 10% instead.

■ 189.5180, 0.7306,
-47.8123

■ 189.5180, 0.7306,
-47.8123

255.0000, 0.0000,
0.0000

■ 161.9310, 1.0200,
-47.2975

■ 234.9520, 5.9397,
-38.5459

■ 134.7460, 1.6042,
-48.0122

■ 244.5350, 5.1592,
-21.5172

■ 107.8600, 2.0410,
-48.1122

■ 253.2060, 0.8844,
-3.6887

■ 79.9950, 3.9465,
-52.6156

■ 57.3050, 3.7936,
-50.2565

■ 40.7090, 1.1295,
-35.7018

■ 25.4010, -1.6767,

-22.2767

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 189.5180, 0.7306,
-47.8123

■ 189.5180, 0.7306,
-47.8123

■ 182.1420, 0.9160,
-60.6375

■ 196.8940, 0.5453,
-34.9870

■ 175.0650, 0.9540,
-72.8480

■ 203.9710, 0.5073,
-22.7766

■ 167.6890, 1.1393,
-85.6733

■ 211.3470, 0.3219,
-9.9513

■ 160.3130, 1.3247,
-98.4985

■ 218.7230, 0.1366,
2.8739

■ 153.0510, 1.9469,
-111.4237

■ 225.9850, -0.4856,
15.7992

■ 145.9740, 1.9848,
-123.6342

■ 230.0720, 0.9505,
21.8619

■ 144.2510, 1.8483,
-126.5081

■ 230.8700, 4.0081,
21.1620

■ 231.6680, 7.0657,
20.4622

■ 232.4660, 10.1233,
19.7623

Harmonies

Analogous

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



193.9590, -14.7698, -22.7660



189.5180, 0.7306, -47.8123



186.3600, 17.0775, -64.3367

Triad

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



189.5180, 0.7306, -47.8123



202.7150, 25.7765, -7.6431



203.0150, -22.6854, 42.9598

Complementary

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



189.5180, 0.7306, -47.8123



162.4820, -0.7306, 47.8123

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.



203.2400, -10.4713, 45.3935



189.5180, 0.7306, -47.8123



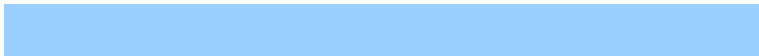
205.6710, 15.9382, 21.3365

Square

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



189.5180, 0.7306, -47.8123



196.0270, 29.0737, -38.6117



205.9480, 2.4906, 41.2646



200.5370, -27.8727, 26.7161

Rectangle

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



189.5180, 0.7306, -47.8123



187.2380, 25.5187, -65.1067



205.9480, 2.4906, 41.2646



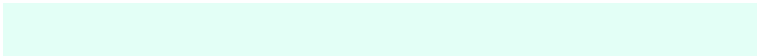
202.9490, -19.2019, 45.6487

Sweetspot

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



189.5180, 0.7306, -47.8123



245.6020, 0.1962, -16.3140



191.2070, -27.7101, -25.6145



122.2330, -0.1149, -9.8513



0.0000, 0.0000, 0.0000



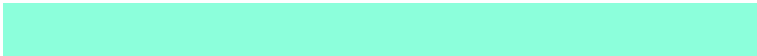
128.0000, 0.0000, 0.0000

Same Dimension

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



189.5180, 0.7306, -47.8123



216.5110, 1.2271, -67.1001



184.2640, 16.1388, -43.2045



106.2550, -0.1257, -6.3626



115.0030, 1.4775, -100.8576



30.5360, 0.2288, -26.7801

Inverse Universe

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



162.4820, -0.7306, 47.8123



178.6030, -0.7903, 67.0002



167.7360, -16.1388, 43.2045



102.6310, -0.3111, 6.4626



57.9970, -1.4775, 100.8576



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 189.5180, 0.7306, -47.8123 looks on a white background.

Color Contrast Check

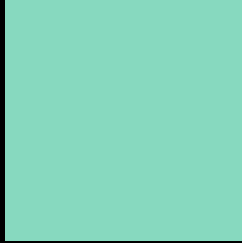
Large Text (above 18pt) WCAG AA × Fail

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 189.5180, 0.7306, -47.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

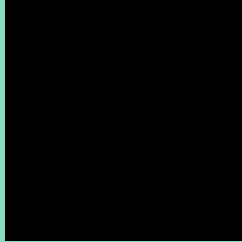
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

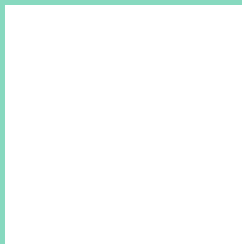
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.5180, 0.7306, -47.8123

Background



This preview shows how black text looks on a background with the YUV color 189.5180, 0.7306, -47.8123.



This preview shows how white text looks on a background with the YUV color 189.5180, 0.7306, -47.8123.

-47.8123.

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

189.5180, 0.7306, -47.8123

Protanopia

200.3400, -9.0416, 6.7178

Deuteranopia

202.3010, -3.1064, 16.3990



Tritanopia

193.6060, 17.4492, -43.5045

Trichromacy



Original Color

189.5180, 0.7306, -47.8123



Protanomaly

196.1310, -5.4876, -13.2699



Deuteranomaly

197.5000, -1.7255, -6.5775



Tritanomaly

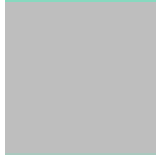
192.2870, 11.1975, -44.9787

Monochromacy



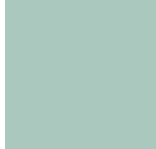
Original Color

189.5180, 0.7306, -47.8123



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.8900, 0.0542, -17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5180, 0.7306, -47.8123 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(135, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(135, 217, 191)  
}
```

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(135, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 217, 191) }
```

Border

The CSS property to change the border of an element to YUV 189.5180, 0.7306, -47.8123 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(135, 217, 191) }
```


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

```
.border{ border-color:rgb(135, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(135, 217,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 189.5180, 0.7306, -47.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 217, 191) }
```

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

```
.background{ background-color: rgb(135,  
217, 191) }
```

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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