

Converting Colors

YUV(187.3810, 5.2352,
-45.9381)

Have a look what the booklet for
YUV(187.3810, 5.2352, -45.9381)
contains.

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Color

**YUV(187.3810, 5.2352,
-45.9381)**

Conversions

Conversions Part 1

Format	Color
Hex	87D4C6
RGB	135, 212, 198
RGB Percent	53%, 83%, 78%
CMY	0.4706, 0.1686, 0.2235
CMYK	0.36, 0.00, 0.07, 0.17
HSL	169°, 47%, 68%
HSV	169°, 36%, 83%
XYZ	43.7282, 56.3151, 61.9913
YIQ	187.3810, -41.3980, -20.6780

Conversions

Conversions Part 2

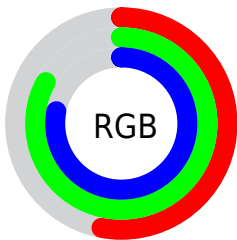
Format	Color
RYB	135, 177, 212
Decimal	8901830
CIELab	79.79, -26.91, -0.60
CIELCh	80, 26.915, 181.283
Yxy	56.3151, 0.2699, 0.3475
Android (android.graphics.Color)	4287091910 (0xFF87D4C6)
YUV	187.3810, 5.2352, -45.9381
Hunter-Lab	75.0434, -27.3129, 3.5525

Details

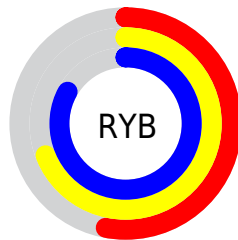
The YUV color **187.3810, 5.2352, -45.9381** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.6190, -5.2352, 45.9381**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **132.7940, 5.5246, -45.4233** is the 20% darker color. If you saturate the color by 10%, you get **180.6460, 6.5835, -58.4485**, and if you desaturate by 10%, it is **194.1160, 3.8868, -33.4277**.

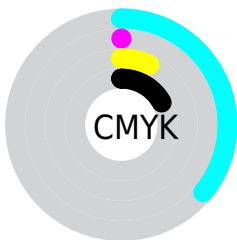
Distribution



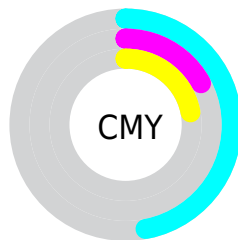
- Red (53%)
- Green (83%)
- Blue (78%)



- Red (53%)
- Yellow (69%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (47%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3810, 5.2352, -45.9381 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 187.3810, 5.2352, -45.9381 by changing the saturation by 10% instead.

■ 187.3810, 5.2352,
-45.9381

■ 187.3810, 5.2352,
-45.9381

255.0000, 0.0000,
0.0000

■ 159.7940, 5.5246,
-45.4233

■ 235.8640, 9.4340,
-39.3457

■ 132.7940, 5.5246,
-45.4233

■ 244.5350, 5.1592,
-21.5172

■ 106.3100, 6.2562,
-46.7529

■ 253.2060, 0.8844,
-3.6887

■ 78.6300, 7.5774,
-50.5415

■ 55.5270, 7.1352,
-48.6972

■ 38.9310, 4.4710,
-34.1425

■ 24.2100, 1.3755,

-21.2322

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 187.3810, 5.2352,
-45.9381

■ 187.3810, 5.2352,
-45.9381

■ 180.6460, 6.5835,
-58.4485

■ 194.1160, 3.8868,
-33.4277

■ 173.9110, 7.9319,
-70.9589

■ 200.8510, 2.5385,
-20.9173

■ 166.8770, 9.4276,
-84.0841

■ 207.8850, 1.0427,
-7.7921

■ 160.2560, 11.2128,
-96.6945

■ 214.5060, -0.7425,
4.8182

■ 153.5210, 12.5611,
-109.2049

■ 221.2410, -2.0908,
17.3286

■ 146.7860, 13.9095,
-121.7153

■ 225.8830, -2.4073,
25.5356

■ 144.1660, 14.2152,
-126.4336

■ 226.3390, -0.6601,
25.1357

■ 226.7950, 1.0871,
24.7358

■ 227.2510, 2.8343,
24.3359

Harmonies

Analogous

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



190.5330, -8.6438, -27.6544



187.3810, 5.2352, -45.9381



186.6540, 17.9186, -54.0706

Triad

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



187.3810, 5.2352, -45.9381



200.2880, 20.0710, 2.3784



198.8890, -21.6373, 33.4233

Complementary

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



187.3810, 5.2352, -45.9381



159.6190, -5.2352, 45.9381

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.



200.7080, -13.6600, 41.4751



187.3810, 5.2352, -45.9381



201.7980, 9.9596, 25.6102

Square

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



187.3810, 5.2352, -45.9381



196.0890, 25.0991, -23.7571



202.0850, -2.0139, 39.3905



196.2090, -23.7670, 16.4797

Rectangle

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



187.3810, 5.2352, -45.9381



188.7560, 23.2913, -50.6520



202.0850, -2.0139, 39.3905



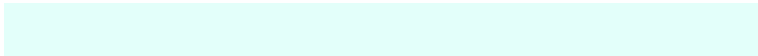
199.7800, -19.6115, 37.0269

Sweetspot

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



187.3810, 5.2352, -45.9381



246.0580, 1.9434, -16.7139



184.3850, -24.3468, -31.0326



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000



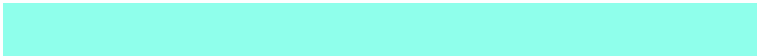
128.0000, 0.0000, 0.0000

Same Dimension

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



187.3810, 5.2352, -45.9381



219.2320, 7.7736, -66.8555



174.8890, 18.2957, -34.9827



103.4830, 0.7479, -6.5626



116.3370, 11.6659, -102.0275



29.2310, 2.8441, -25.6356

Inverse Universe

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



159.6190, -5.2352, 45.9381



178.7680, -7.7736, 66.8555



172.1110, -18.2957, 34.9827



99.5170, -0.7479, 6.5626



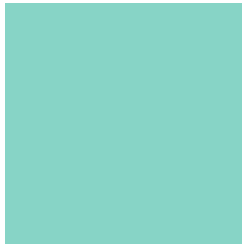
54.6630, -11.6659, 102.0275



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 187.3810, 5.2352, -45.9381 looks on a white background.

Color Contrast Check

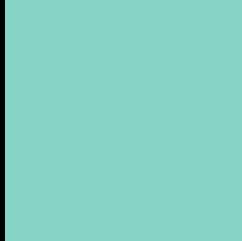
Large Text (above 18pt) WCAG AA × Fail

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 187.3810, 5.2352, -45.9381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

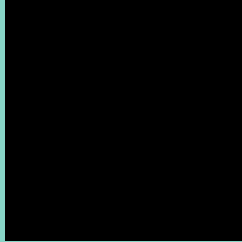
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

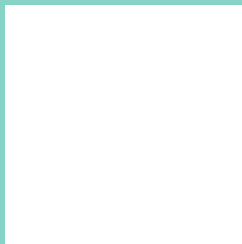
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.3810, 5.2352, -45.9381

Background



This preview shows how black text looks on a background with the YUV color 187.3810, 5.2352, -45.9381.



This preview shows how white text looks on a background with the YUV color 187.3810, 5.2352, -45.9381.

-45.9381.

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

187.3810, 5.2352, -45.9381

Protanopia

196.9960, -3.9420, 4.3885

Deuteranopia

198.8320, 1.5618, 12.4253



Tritanopia

190.2040, 17.1544, -42.2749

Trichromacy



Original Color

187.3810, 5.2352, -45.9381

Protanomaly

193.6840, -0.8302, -13.7549

Deuteranomaly

195.0420, 2.9373, -8.8068

Tritanomaly

188.7540, 12.9393, -43.6343

Monochromacy



Original Color

187.3810, 5.2352, -45.9381

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3810, 5.2352, -45.9381 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, 212, 198)` looks like.

```
.text, #text, p{  
    color:rgb(135, 212, 198)  
}
```

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, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 212, 198) }
```

Border

The CSS property to change the border of an element to YUV 187.3810, 5.2352, -45.9381 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, 212, 198) }
```


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

```
.border{ border-color:rgb(135, 212, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 212, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(135, 212,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 187.3810, 5.2352, -45.9381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 212, 198) }
```

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

```
.background{ background-color: rgb(135,  
212, 198) }
```

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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