

Converting Colors

YUV(187.8110, 3.0512,
-45.4382)

Have a look what the booklet for
YUV(187.8110, 3.0512, -45.4382)
contains.

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Color

**YUV(187.8110, 3.0512,
-45.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	88D5C2
RGB	136, 213, 194
RGB Percent	53%, 84%, 76%
CMY	0.4667, 0.1647, 0.2392
CMYK	0.36, 0.00, 0.09, 0.16
HSL	165°, 48%, 68%
HSV	165°, 36%, 84%
XYZ	43.6852, 56.7178, 59.6841
YIQ	187.8110, -39.7930, -22.2330

Conversions

Conversions Part 2

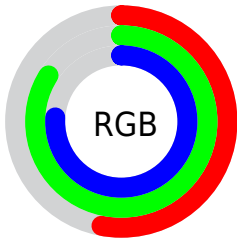
Format	Color
RYB	136, 180, 213
Decimal	8967618
CIELab	80.02, -28.02, 1.87
CIELCh	80, 28.079, 176.176
Yxy	56.7178, 0.2729, 0.3543
Android (android.graphics.Color)	4287157698 (0xFF88D5C2)
YUV	187.8110, 3.0512, -45.4382
Hunter-Lab	75.3112, -28.2535, 5.7305

Details

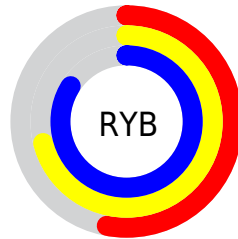
The YUV color $187.8110, 3.0512, -45.4382$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $161.1890, -3.0512, 45.4382$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.5930, 7.1027, -38.2311$, and $133.2240, 3.3406, -44.9234$ is the 20% darker color. If you saturate the color by 10%, you get $180.9620, 3.9627, -57.8487$, and if you desaturate by 10%, it is $194.6600, 2.1396, -33.0278$.

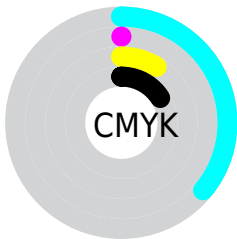
Distribution



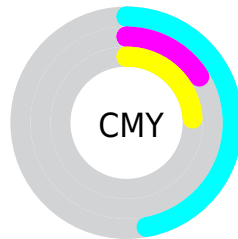
- Red (53%)
- Green (84%)
- Blue (76%)



- Red (53%)
- Yellow (71%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8110, 3.0512, -45.4382 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 187.8110, 3.0512, -45.4382 by changing the saturation by 10% instead.

■ 187.8110, 3.0512,
-45.4382

■ 187.8110, 3.0512,
-45.4382

255.0000, 0.0000,
0.0000

■ 160.2240, 3.3406,
-44.9234

■ 235.5930, 7.1027,
-38.2311

■ 133.2240, 3.3406,
-44.9234

■ 244.8340, 5.0118,
-20.9024

■ 106.7400, 4.0722,
-46.2530

■ 253.5050, 0.7370,
-3.0739

■ 79.3590, 5.2460,
-49.4268

■ 55.7720, 5.5354,
-48.9120

■ 39.1760, 2.8712,
-34.3574

■ 23.8680, 0.0651,

-20.9322

■ 0.0000, 0.0000,
0.0000

■ 187.8110, 3.0512,
-45.4382

■ 187.8110, 3.0512,
-45.4382

■ 180.9620, 3.9627,
-57.8487

■ 194.6600, 2.1396,
-33.0278

■ 173.7000, 4.5849,
-70.7739

■ 201.9220, 1.5175,
-20.1026

■ 166.8510, 5.4965,
-83.1843

■ 208.7710, 0.6059,
-7.6922

■ 160.0020, 6.4080,
-95.5948

■ 215.6200, -0.3057,
4.7183

■ 153.1530, 7.3196,
-108.0052

■ 222.7680, -1.3646,
17.7435

■ 145.8910, 7.9417,
-120.9304

■ 227.0400, -0.5127,
24.5209

■ 143.2710, 8.2474,
-125.6487

■ 227.6100, 1.6713,
24.0210

■ 228.1800, 3.8553,
23.5211

■ 228.7500, 6.0393,
23.0213

Harmonies

Analogous

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



191.2730, -10.9806, -24.7954



187.8110, 3.0512, -45.4382



186.4040, 17.0558, -57.3593

Triad

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



187.8110, 3.0512, -45.4382



200.4230, 21.9765, -2.1250



199.9110, -21.6481, 36.9121

Complementary

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



187.8110, 3.0512, -45.4382



161.1890, -3.0512, 45.4382

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.



201.7730, -12.2131, 44.0491



187.8110, 3.0512, -45.4382



202.4710, 12.5858, 23.2659

Square

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



187.8110, 3.0512, -45.4382



195.5120, 26.8626, -29.3900



202.9540, 0.0227, 39.5053



197.7750, -25.5251, 20.3683

Rectangle

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



187.8110, 3.0512, -45.4382



188.0220, 23.1602, -55.2703



202.9540, 0.0227, 39.5053



200.0300, -18.7488, 40.3157

Sweetspot

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



187.8110, 3.0512, -45.4382



245.8300, 1.0698, -16.5139



186.8800, -25.0838, -27.9588



122.3470, 0.3219, -9.9513



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.



187.8110, 3.0512, -45.4382



219.0320, 4.4212, -64.9261



178.8240, 16.8488, -37.5566



103.3690, 0.3111, -6.4626



115.0830, 6.8611, -100.9278



29.0030, 1.9705, -25.4356

Inverse Universe

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



161.1890, -3.0512, 45.4382



180.9680, -4.4212, 64.9261



170.1760, -16.8488, 37.5566



99.6310, -0.3111, 6.4626



55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 187.8110, 3.0512, -45.4382 looks on a white background.

Color Contrast Check

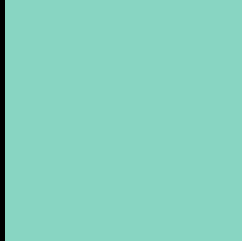
Large Text (above 18pt) WCAG AA × Fail

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 187.8110, 3.0512, -45.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

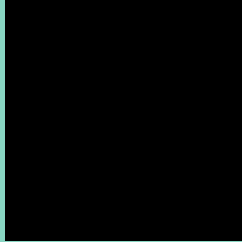
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

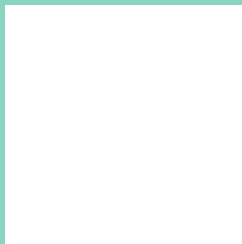
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.8110, 3.0512, -45.4382

Background



This preview shows how black text looks on a background with the YUV color 187.8110, 3.0512, -45.4382.



This preview shows how white text looks on a background with the YUV color 187.8110, 3.0512, -45.4382.

-45.4382.

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

187.8110, 3.0512, -45.4382

Protanopia

197.7250, -6.2734, 5.5032

Deuteranopia

199.3870, -0.1908, 14.5696



Tritanopia

190.5030, 17.0070, -41.6601

Trichromacy



Original Color

187.8110, 3.0512, -45.4382

Protanomaly

194.1140, -3.0142, -13.2550

Deuteranomaly

195.1840, 0.8953, -7.1774

Tritanomaly

189.5260, 12.0657, -43.4343

Monochromacy



Original Color

187.8110, 3.0512, -45.4382

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8300, 1.0698, -16.5139

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8110, 3.0512, -45.4382 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(136, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 213, 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(136, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 213, 194) }
```

Border

The CSS property to change the border of an element to YUV 187.8110, 3.0512, -45.4382 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(136, 213, 194) }
```


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

```
.border{ border-color:rgb(136, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 213,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 187.8110, 3.0512, -45.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 213, 194) }
```

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

```
.background{ background-color: rgb(136,  
213, 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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