

Converting Colors

YUV(187.1760, -17.3418,
-37.8654)

Have a look what the booklet for
YUV(187.1760, -17.3418, -37.8654)
contains.

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Color

**YUV(187.1760, -17.3418,
-37.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	90D898
RGB	144, 216, 152
RGB Percent	56%, 85%, 60%
CMY	0.4353, 0.1529, 0.4039
CMYK	0.33, 0.00, 0.30, 0.15
HSL	127°, 48%, 71%
HSV	127°, 33%, 85%
XYZ	41.7250, 57.3080, 38.5682
YIQ	187.1760, -22.3680, -35.1680

Conversions

Conversions Part 2

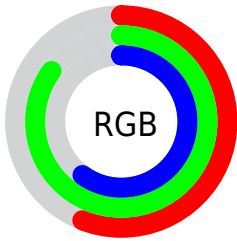
Format	Color
RYB	144, 209, 216
Decimal	9492632
CIELab	80.35, -35.31, 24.62
CIELCh	80, 43.041, 145.117
Yxy	57.3080, 0.3032, 0.4165
Android (android.graphics.Color)	4287682712 (0xFF90D898)
YUV	187.1760, -17.3418, -37.8654
Hunter-Lab	75.7021, -34.0942, 22.7848

Details

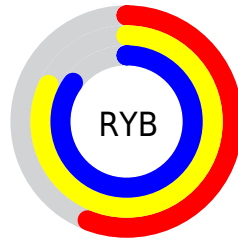
The YUV color **187.1760, -17.3418, -37.8654** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.8240, 17.3418, 37.8654**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0830, -12.8589, -29.0138**, and **132.9310, -15.7420, -37.6505** is the 20% darker color. If you saturate the color by 10%, you get **178.4320, -22.3980, -49.4909**, and if you desaturate by 10%, it is **195.9200, -12.2856, -26.2398**.

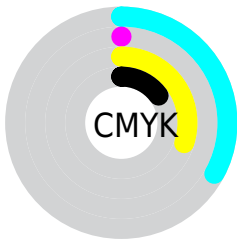
Distribution



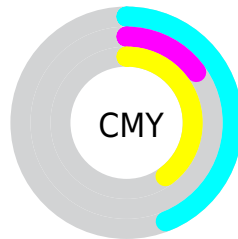
- Red (56%)
- Green (85%)
- Blue (60%)



- Red (56%)
- Yellow (82%)
- Blue (85%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1760, -17.3418, -37.8654 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 187.1760, -17.3418, -37.8654 by changing the saturation by 10% instead.

■ 187.1760,
-17.3418, -37.8654

■ 187.1760,
-17.3418, -37.8654

255.0000, 0.0000,
0.0000

■ 159.7030,
-16.6156, -37.4505

■ 233.0830,
-12.8589, -29.0138

■ 132.9310,
-15.7420, -37.6505

■ 244.6470, -4.7560,
-14.5994

■ 106.4580,
-15.0158, -37.2357

■ 80.5010, -13.5580,
-38.1504

■ 52.7280, -11.2049,
-46.2425

■ 36.0180, -14.3059,
-31.5878

■ 22.3060, -10.9969,

-19.5624

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 187.1760,
-17.3418, -37.8654

■ 187.1760,
-17.3418, -37.8654

■ 178.4320,
-22.3980, -49.4909

■ 195.9200,
-12.2856, -26.2398

■ 169.9870,
-27.6016, -60.5016

■ 204.3650, -7.0819,
-15.2291

■ 161.1290,
-33.0946, -72.0271

■ 213.2230, -1.5889,
-3.7036

■ 152.6840,
-38.2982, -83.0379

■ 221.6680, 3.6147,
7.3072

■ 143.9400,
-43.3544, -94.6634

■ 230.4120, 8.6709,
18.9327

■ 135.1960,
-48.4106, -106.2889

■ 232.1070, 11.2862,
20.0772

■ 129.5280,
-52.0253, -113.5961

Harmonies

Analogous

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



192.8680, -33.4589, -1.6382



187.1760, -17.3418, -37.8654



177.5250, 6.6432, -77.6364

Triad

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



187.1760, -17.3418, -37.8654



187.9760, 33.0428, -51.7220



195.0730, -13.8400, 52.5560

Complementary

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



187.1760, -17.3418, -37.8654



172.8240, 17.3418, 37.8654

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.



198.5730, 4.6475, 49.4865



187.1760, -17.3418, -37.8654



199.1930, 27.5129, -4.5543

Square

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



187.1760, -17.3418, -37.8654



170.8230, 41.4993, -104.2078



204.8990, 20.2628, 34.2916



197.8820, -31.0008, 50.0925

Rectangle

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



187.1760, -17.3418, -37.8654



168.4470, 24.9226, -107.3860



204.8990, 20.2628, 34.2916



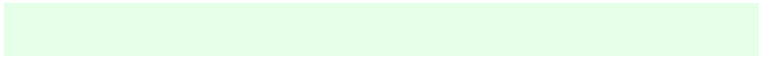
195.3810, -7.5828, 52.2859

Sweetspot

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



187.1760, -17.3418, -37.8654



244.9030, -6.3612, -13.0699



205.6990, -30.4176, 2.8950



121.6200, -3.7567, -8.4367



0.0000, 0.0000, 0.0000



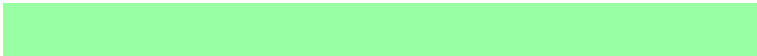
128.0000, 0.0000, 0.0000

Same Dimension

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



187.1760, -17.3418, -37.8654



214.1280, -24.7131, -53.6093



191.1660, -2.0538, -41.3646



102.6850, -2.3097, -5.8627



102.5430, -41.1867, -89.9302



25.8110, -10.2598, -22.6362

Inverse Universe

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



172.8240, 17.3418, 37.8654



193.8720, 24.7131, 53.6093



168.8340, 2.0538, 41.3646



100.4290, 2.7465, 5.7628



68.4570, 41.1867, 89.9302



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 187.1760, -17.3418, -37.8654 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 187.1760, -17.3418, -37.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

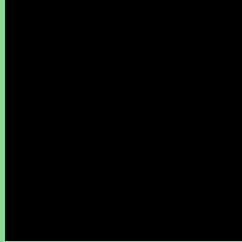
Any Text WCAG AA ✓ Pass

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 187.1760, -17.3418, -37.8654 Background



This preview shows how black text looks on a background with the YUV color 187.1760, -17.3418, -37.8654.



This preview shows how white text looks on a background with the YUV color 187.1760, -17.3418, -37.8654.

-37.8654.

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

187.1760, -17.3418, -37.8654

Protanopia

196.3290, -25.7982, 14.6205

Deuteranopia

199.4970, -20.4580, 28.5051



Tritanopia

194.1730, 14.2117, -31.7237

Trichromacy



Original Color

187.1760, -17.3418, -37.8654



Protanomaly

193.3050, -22.8284, -4.6525



Deuteranomaly

194.9840, -19.2191, 4.3990



Tritanomaly

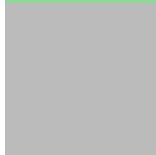
191.4750, 2.7238, -33.7426

Monochromacy



Original Color

187.1760, -17.3418, -37.8654



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1760, -17.3418, -37.8654 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(144, 216, 152)` looks like.

```
.text, #text, p{  
    color:rgb(144, 216, 152)  
}
```

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(144, 216, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 216, 152) }
```

Border

The CSS property to change the border of an element to YUV 187.1760, -17.3418, -37.8654 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(144, 216, 152) }
```


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

```
.border{ border-color:rgb(144, 216, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 216, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 216, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 216, 152);  
box-shadow:4px 4px 4px 4px rgb(144, 216,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 187.1760, -17.3418, -37.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 216, 152) }
```

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

```
.background{ background-color: rgb(144,  
216, 152) }
```

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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