

Converting Colors

YUV(188.6490, -18.0680,
-38.2802)

Have a look what the booklet for
YUV(188.6490, -18.0680, -38.2802)
contains.

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Color

**YUV(188.6490, -18.0680,
-38.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	91DA98
RGB	145, 218, 152
RGB Percent	57%, 85%, 60%
CMY	0.4314, 0.1451, 0.4039
CMYK	0.33, 0.00, 0.30, 0.15
HSL	126°, 50%, 71%
HSV	126°, 33%, 85%
XYZ	42.4160, 58.4295, 38.7482
YIQ	188.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

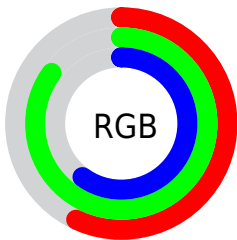
Format	Color
RYB	145, 212, 218
Decimal	9558680
CIELab	80.98, -35.91, 25.47
CIELCh	81, 44.029, 144.653
Yxy	58.4295, 0.3039, 0.4186
Android (android.graphics.Color)	4287748760 (0xFF91DA98)
YUV	188.6490, -18.0680, -38.2802
Hunter-Lab	76.4392, -34.7194, 23.4524

Details

The YUV color **188.6490, -18.0680, -38.2802** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.3510, 18.0680, 38.2802**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3820, -13.0063, -28.3990**, and **134.4040, -16.4682, -38.0653** is the 20% darker color. If you saturate the color by 10%, you get **179.7910, -23.5610, -49.8057**, and if you desaturate by 10%, it is **197.5070, -12.5750, -26.7546**.

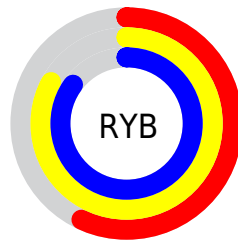
Distribution



Red (57%)

Green (85%)

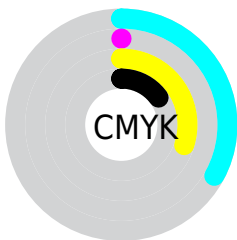
Blue (60%)



Red (57%)

Yellow (83%)

Blue (85%)

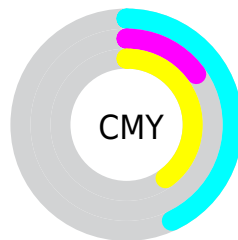


Cyan (33%)

Magenta (0%)

Yellow (30%)

Black (15%)



Cyan (43%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6490, -18.0680, -38.2802 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 188.6490, -18.0680, -38.2802 by changing the saturation by 10% instead.

■ 188.6490,
-18.0680, -38.2802

■ 188.6490,
-18.0680, -38.2802

255.0000, 0.0000,
0.0000

■ 161.1760,
-17.3418, -37.8654

■ 233.3820,
-13.0063, -28.3990

■ 134.4040,
-16.4682, -38.0653

■ 245.2450, -5.0508,
-13.3699

■ 107.9310,
-15.7420, -37.6505

■ 81.6750, -14.1368,
-39.1800

■ 53.6140, -11.6417,
-46.1425

■ 36.6050, -14.5953,
-32.1026

■ 23.4800, -11.5756,

-20.5920

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 188.6490,
-18.0680, -38.2802

■ 188.6490,
-18.0680, -38.2802

■ 179.7910,
-23.5610, -49.8057

■ 197.5070,
-12.5750, -26.7546

■ 171.0470,
-28.6172, -61.4312

■ 206.2510, -7.5187,
-15.1291

■ 162.4880,
-34.2576, -72.3420

■ 214.8100, -1.8783,
-4.2184

■ 153.6300,
-39.7506, -83.8675

■ 223.6680, 3.6147,
7.3072

■ 144.7720,
-45.2436, -95.3930

■ 232.5260, 9.1077,
18.8327

■ 136.0280,
-50.2998, -107.0186

■ 233.2810, 10.7075,
19.0476

■ 130.3600,
-53.9145, -114.3257

Harmonies

Analogous

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



194.6400, -34.3325, -1.4383



188.6490, -18.0680, -38.2802



179.1010, 6.3592, -79.8956

Triad

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



188.6490, -18.0680, -38.2802



188.5520, 32.7589, -53.9811



195.8880, -13.2558, 51.8412

Complementary

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



188.6490, -18.0680, -38.2802



174.3510, 18.0680, 38.2802

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.



199.3880, 5.2317, 48.7717



188.6490, -18.0680, -38.2802



200.6660, 26.7867, -4.9691

Square

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



188.6490, -18.0680, -38.2802



169.5940, 42.1052, -111.8999



206.4260, 20.9890, 34.7064



198.4690, -31.2902, 49.5777

Rectangle

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



188.6490, -18.0680, -38.2802



167.6420, 25.8125, -112.8190



206.4260, 20.9890, 34.7064



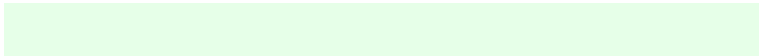
196.1960, -6.9986, 51.5711

Sweetspot

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



188.6490, -18.0680, -38.2802



244.9030, -6.3612, -13.0699



207.8840, -31.0018, 3.6097



121.6200, -3.7567, -8.4367



0.0000, 0.0000, 0.0000



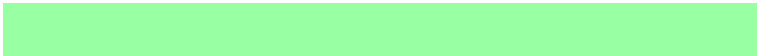
128.0000, 0.0000, 0.0000

Same Dimension

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



188.6490, -18.0680, -38.2802



214.0140, -25.1499, -53.5093



192.7530, -2.3432, -41.8794



105.5710, -2.7465, -5.7628



103.4890, -42.6391, -90.7599



27.4580, -11.5648, -24.0807

Inverse Universe

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



174.3510, 18.0680, 38.2802



193.9860, 25.1499, 53.5093



170.2470, 2.3432, 41.8794



103.4290, 2.7465, 5.7628



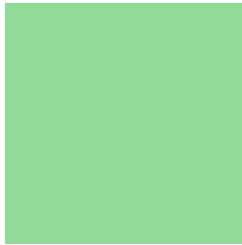
69.6250, 43.0759, 90.6599



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 188.6490, -18.0680, -38.2802 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 188.6490, -18.0680, -38.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

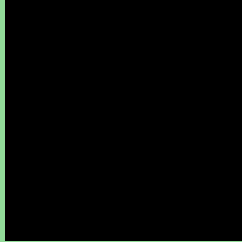
Any Text WCAG AA ✓ Pass

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 188.6490, -18.0680, -38.2802 Background



This preview shows how black text looks on a background with the YUV color 188.6490, -18.0680, -38.2802.



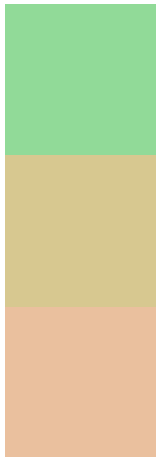
This preview shows how white text looks on a background with the YUV color 188.6490, -18.0680, -38.2802.

-38.2802.

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

188.6490, -18.0680, -38.2802

Protanopia

198.1010, -26.6718, 14.8204

Deuteranopia

200.6820, -21.0422, 29.2199



Tritanopia

195.8740, 14.3591, -32.3385

Trichromacy



Original Color

188.6490, -18.0680, -38.2802

Protanomaly

195.0770, -23.7020, -4.4525

Deuteranomaly

196.1690, -19.8033, 5.1138

Tritanomaly

193.0620, 2.4344, -34.2574

Monochromacy



Original Color

188.6490, -18.0680, -38.2802

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6490, -18.0680, -38.2802 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(145, 218, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 218, 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(145, 218, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 218, 152) }
```

Border

The CSS property to change the border of an element to YUV 188.6490, -18.0680, -38.2802 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(145, 218, 152) }
```


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

```
.border{ border-color:rgb(145, 218, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 218, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 218, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 218, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 218,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 188.6490, -18.0680, -38.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 218, 152) }
```

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

```
.background{ background-color: rgb(145,  
218, 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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