

Converting Colors

YUV(187.9450, -23.6369,
-25.3848)

Have a look what the booklet for
YUV(187.9450, -23.6369, -25.3848)
contains.

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Color

**YUV(187.9450, -23.6369,
-25.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD48C
RGB	159, 212, 140
RGB Percent	62%, 83%, 55%
CMY	0.3765, 0.1686, 0.4510
CMYK	0.25, 0.00, 0.34, 0.17
HSL	104°, 46%, 69%
HSV	104°, 34%, 83%
XYZ	42.5752, 56.3513, 33.4439
YIQ	187.9450, -8.4760, -33.6280

Conversions

Conversions Part 2

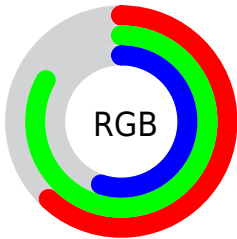
Format	Color
RYB	140, 212, 193
Decimal	10474636
CIELab	79.81, -30.42, 30.25
CIELCh	80, 42.902, 135.158
Yxy	56.3513, 0.3216, 0.4257
Android (android.graphics.Color)	4288664716 (0xFF9FD48C)
YUV	187.9450, -23.6369, -25.3848
Hunter-Lab	75.0675, -30.1304, 26.1325

Details

The YUV color **187.9450, -23.6369, -25.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164.0550, 23.6369, 25.3848**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0860, -20.7484, -18.4924**, and **133.9990, -22.1845, -24.5551** is the 20% darker color. If you saturate the color by 10%, you get **180.7670, -30.4511, -33.1217**, and if you desaturate by 10%, it is **195.1230, -16.8226, -17.6479**.

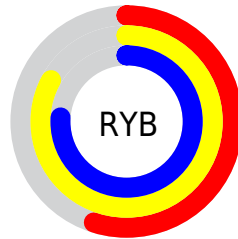
Distribution



Red (62%)

Green (83%)

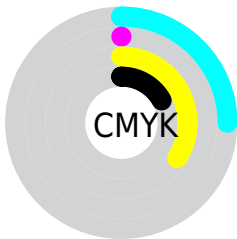
Blue (55%)



Red (55%)

Yellow (83%)

Blue (76%)

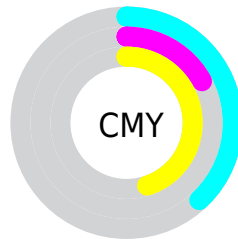


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (17%)



Cyan (38%)

Magenta (17%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9450, -23.6369, -25.3848 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 187.9450, -23.6369, -25.3848 by changing the saturation by 10% instead.

■ 187.9450,
-23.6369, -25.3848

■ 187.9450,
-23.6369, -25.3848

255.0000, 0.0000,
0.0000

■ 160.4720,
-22.9107, -24.9699

■ 236.0860,
-20.7484, -18.4924

■ 133.9990,
-22.1845, -24.5551

■ 247.9490,
-12.7929, -3.4633

■ 108.2270,
-21.3109, -24.7551

■ 254.5440, -1.7472,
0.3999

■ 82.7540, -20.5847,
-24.3403

■ 58.2700, -19.8531,
-25.6698

■ 33.7580, -16.6427,
-28.7288

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 187.9450,
-23.6369, -25.3848

■ 187.9450,
-23.6369, -25.3848

■ 180.7670,
-30.4511, -33.1217

■ 195.1230,
-16.8226, -17.6479

■ 173.8880,
-37.4128, -40.2438

■ 202.0020, -9.8610,
-10.5258

■ 166.5960,
-44.6638, -47.8807

■ 209.2940, -2.6099,
-2.8888

■ 159.7170,
-51.6255, -55.0028

■ 216.1730, 4.3517,
4.2333

■ 152.5390,
-58.4397, -62.7397

■ 223.3510, 11.1660,
11.9702

■ 145.3610,
-65.2540, -70.4766

■ 229.1610, 12.7386,
20.9068

■ 141.1880,
-69.6057, -74.7099

■ 229.7590, 12.4438,
22.1364

Harmonies

Analogous

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



193.1360, -36.5490, 9.5277



187.9450, -23.6369, -25.3848



180.0230, -1.9833, -64.0412

Triad

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



187.9450, -23.6369, -25.3848



181.9630, 36.0072, -69.2506



194.6800, -7.7302, 52.9006

Complementary

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



187.9450, -23.6369, -25.3848



164.0550, 23.6369, 25.3848

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.



200.4140, 9.1629, 47.8719



187.9450, -23.6369, -25.3848



195.2620, 29.4508, -19.5238

Square

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



187.9450, -23.6369, -25.3848



161.9130, 44.9059, -123.5807



202.9020, 25.6843, 22.0109



195.2720, -25.7701, 52.3815

Rectangle

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



187.9450, -23.6369, -25.3848



171.8420, 15.8539, -91.9464



202.9020, 25.6843, 22.0109



195.5750, -1.7625, 52.1157

Sweetspot

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



187.9450, -23.6369, -25.3848



246.4690, -8.1192, -9.1813



192.6390, -25.9510, 16.9796



122.5880, -5.2199, -5.7777



0.0000, 0.0000, 0.0000



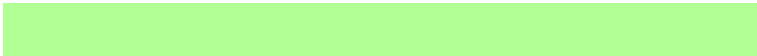
128.0000, 0.0000, 0.0000

Same Dimension

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



187.9450, -23.6369, -25.3848



220.0070, -34.5135, -36.8401



184.2020, -13.4106, -38.7652



103.3540, -3.6255, -3.8185



113.8320, -56.1192, -60.3657



28.5300, -14.0653, -15.3738

Inverse Universe

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



164.0550, 23.6369, 25.3848



184.9930, 34.5135, 36.8401



167.7980, 13.4106, 38.7652



99.6460, 3.6255, 3.8185



57.1680, 56.1192, 60.3657



14.4700, 14.0653, 15.3738

Previews

White Background



This preview shows how the YUV color 187.9450, -23.6369, -25.3848 looks on a white background.

Color Contrast Check

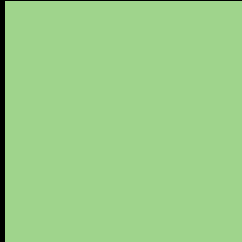
Large Text (above 18pt) WCAG AA × Fail

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 187.9450, -23.6369, -25.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

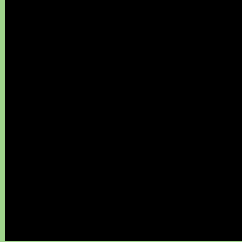
Any Text WCAG AA ✓ Pass

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 187.9450, -23.6369, -25.3848 Background



This preview shows how black text looks on a background with the YUV color 187.9450, -23.6369, -25.3848.



This preview shows how white text looks on a background with the YUV color 187.9450, -23.6369, -25.3848.

-25.3848.

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

187.9450, -23.6369, -25.3848

Protanopia

194.6020, -29.8768, 16.1350

Deuteranopia

197.1400, -25.7050, 31.4492



Tritanopia

194.8540, 11.4110, -20.0430

Trichromacy



Original Color

187.9450, -23.6369, -25.3848

Protanomaly

191.7850, -27.5020, 1.0656

Deuteranomaly

193.5350, -24.9138, 10.9318

Tritanomaly

192.5150, -1.2399, -22.3767

Monochromacy



Original Color

187.9450, -23.6369, -25.3848

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0560, -8.4086, -9.6961

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9450, -23.6369, -25.3848 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(159, 212, 140)` looks like.

```
.text, #text, p{  
    color:rgb(159, 212, 140)  
}
```

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(159, 212, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 212, 140) }
```

Border

The CSS property to change the border of an element to YUV 187.9450, -23.6369, -25.3848 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(159, 212, 140) }
```


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

```
.border{ border-color:rgb(159, 212, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 212, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 212, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 212, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 212,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 187.9450, -23.6369, -25.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 212, 140) }
```

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

```
.background{ background-color: rgb(159,  
212, 140) }
```

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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