

Converting Colors

YUV(193.9570, -25.1218,
-15.7483)

Have a look what the booklet for
YUV(193.9570, -25.1218, -15.7483)
contains.

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Color

**YUV(193.9570, -25.1218,
-15.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D58F
RGB	176, 213, 143
RGB Percent	69%, 84%, 56%
CMY	0.3098, 0.1647, 0.4392
CMYK	0.17, 0.00, 0.33, 0.16
HSL	92°, 45%, 70%
HSV	92°, 33%, 84%
XYZ	46.6567, 58.8018, 34.8774
YIQ	193.9570, 0.4180, -29.6140

Conversions

Conversions Part 2

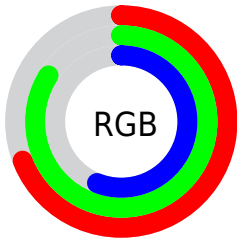
Format	Color
RYB	143, 213, 180
Decimal	11589007
CIELab	81.18, -24.47, 30.71
CIELCh	81, 39.267, 128.543
Yxy	58.8018, 0.3325, 0.4190
Android (android.graphics.Color)	4289779087 (0xFFB0D58F)
YUV	193.9570, -25.1218, -15.7483
Hunter-Lab	76.6823, -25.5873, 26.7108

Details

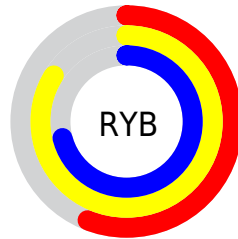
The YUV color **193.9570, -25.1218, -15.7483** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **162.0430, 25.1218, 15.7483**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5110, -21.9439, -8.3411**, and **139.7120, -23.5220, -15.5334** is the 20% darker color. If you saturate the color by 10%, you get **188.2740, -32.6731, -20.4113**, and if you desaturate by 10%, it is **199.6400, -17.5705, -11.0853**.

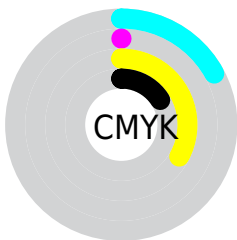
Distribution



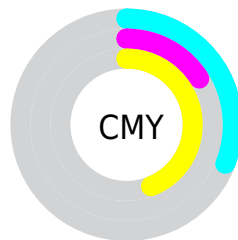
- Red (69%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9570, -25.1218, -15.7483 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 193.9570, -25.1218, -15.7483 by changing the saturation by 10% instead.

■ 193.9570,
-25.1218, -15.7483

■ 193.9570,
-25.1218, -15.7483

255.0000, 0.0000,
0.0000

■ 166.4840,
-24.3956, -15.3335

■ 241.5110,
-21.9439, -8.3411

■ 139.7120,
-23.5220, -15.5334

■ 251.5800,
-13.1039, 2.9993

■ 114.2390,
-22.7958, -15.1186

254.8860, -0.4368,
0.1000

■ 89.3530, -22.3590,
-15.2186

■ 64.5810, -21.4854,
-15.4185

■ 41.8090, -20.6118,
-15.6185

■ 21.7190, -10.7075,

-19.0476

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 193.9570,
-25.1218, -15.7483

■ 193.9570,
-25.1218, -15.7483

■ 188.2740,
-32.6731, -20.4113

■ 199.6400,
-17.5705, -11.0853

■ 182.1780,
-40.5138, -25.5891

■ 205.7360, -9.7298,
-5.9075

■ 176.4950,
-48.0650, -30.2521

■ 211.4190, -2.1786,
-1.2445

■ 170.8120,
-55.6163, -34.9151

■ 217.1020, 5.3727,
3.4185

■ 165.1290,
-63.1676, -39.5781

■ 222.8990, 13.3608,
7.9816

■ 159.0330,
-71.0083, -44.7559

■ 227.0570, 13.7759,
14.8590

■ 154.9310,
-76.3810, -48.1745

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



198.3370, -34.6761, 15.4905



193.9570, -25.1218, -15.7483



187.8570, -6.8315, -48.9866

Triad

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



193.9570, -25.1218, -15.7483



186.3930, 33.8233, -68.7507



199.6840, -3.7882, 48.5121

Complementary

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



193.9570, -25.1218, -15.7483



162.0430, 25.1218, 15.7483

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.



206.2500, 11.2157, 42.7537



193.9570, -25.1218, -15.7483



197.5770, 28.3095, -26.8160

Square

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



193.9570, -25.1218, -15.7483



177.2170, 33.9100, -96.6603



205.2060, 24.5484, 12.9743



199.3300, -20.3757, 48.8226

Rectangle

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



193.9570, -25.1218, -15.7483



182.6120, 8.0793, -71.5737



205.2060, 24.5484, 12.9743



201.7530, 1.6008, 46.6976

Sweetspot

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



193.9570, -25.1218, -15.7483



248.2630, -9.0037, -5.4927



185.0620, -20.7366, 24.5016



123.4850, -5.6621, -3.9333



0.0000, 0.0000, 0.0000



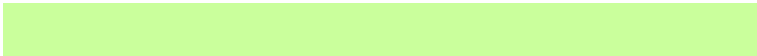
128.0000, 0.0000, 0.0000

Same Dimension

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



193.9570, -25.1218, -15.7483



227.8670, -35.4304, -22.6854



184.2040, -19.8206, -36.1359



103.9520, -3.9203, -2.5889



124.5960, -61.4258, -38.2337



31.2210, -15.3920, -9.8408

Inverse Universe

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



162.0430, 25.1218, 15.7483



182.8340, 35.5778, 22.0706



171.7960, 19.8206, 36.1359



99.0480, 3.9203, 2.5889



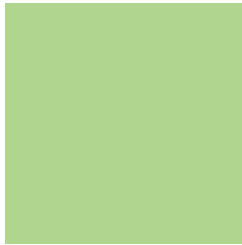
46.4040, 61.4258, 38.2337



11.7790, 15.3920, 9.8408

Previews

White Background



This preview shows how the YUV color 193.9570, -25.1218, -15.7483 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 193.9570, -25.1218, -15.7483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

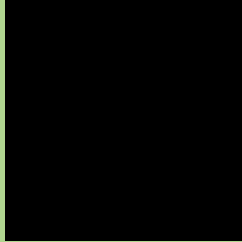
Any Text WCAG AA ✓ Pass

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 193.9570, -25.1218, -15.7483 Background



This preview shows how black text looks on a background with the YUV color 193.9570, -25.1218, -15.7483.



This preview shows how white text looks on a background with the YUV color 193.9570, -25.1218, -15.7483.

-15.7483.

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

193.9570, -25.1218, -15.7483

Protanopia

198.9010, -30.0242, 16.7498

Deuteranopia

201.2110, -26.7260, 32.2640



Tritanopia

200.1540, 9.7841, -11.5361

Trichromacy



Original Color

193.9570, -25.1218, -15.7483

Protanomaly

196.9920, -28.0971, 5.2690

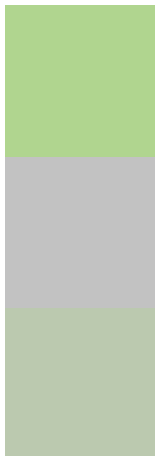
Deuteranomaly

198.3290, -25.7982, 14.6205

Tritanomaly

198.1140, -3.0142, -13.2550

Monochromacy



Original Color

193.9570, -25.1218, -15.7483

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9570, -25.1218, -15.7483 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(176, 213, 143)` looks like.

```
.text, #text, p{  
    color:rgb(176, 213, 143)  
}
```

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(176, 213, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 213, 143) }
```

Border

The CSS property to change the border of an element to YUV 193.9570, -25.1218, -15.7483 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(176, 213, 143) }
```


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

```
.border{ border-color:rgb(176, 213, 143) }
```

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

Here you see how a box with a 4 pixel rgb(176, 213, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 213, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 213, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 213,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 193.9570, -25.1218, -15.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 213, 143) }
```

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

```
.background{ background-color: rgb(176,  
213, 143) }
```

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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