

Converting Colors

YUV(99.7950, -5.8149, -1.5742)

Have a look what the booklet for
YUV(99.7950, -5.8149, -1.5742)
contains.

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Color

**YUV(99.7950, -5.8149,
-1.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	626758
RGB	98, 103, 88
RGB Percent	38%, 40%, 35%
CMY	0.6157, 0.5961, 0.6549
CMYK	0.05, 0.00, 0.15, 0.60
HSL	80°, 8%, 37%
HSV	80°, 15%, 40%
XYZ	11.6487, 13.0017, 11.1282
YIQ	99.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

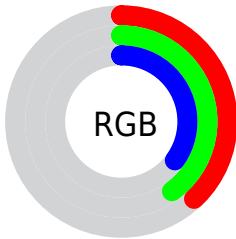
Format	Color
R_{YB}	88, 103, 93
Decimal	6448984
CIE Lab	42.77, -4.94, 7.81
CIE LCh	43, 9.243, 122.310
Yxy	13.0017, 0.3256, 0.3634
Android (android.graphics.Color)	4284639064 (0xFF626758)
YUV	99.7950, -5.8149, -1.5742
Hunter-Lab	36.0579, -5.4360, 6.9425

Details

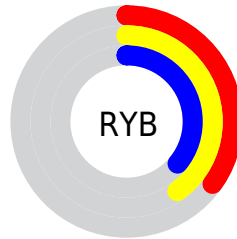
The YUV color **99.7950, -5.8149, -1.5742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.2050, 5.8149, 1.5742**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6810, -6.2517, -1.4742**, and **53.3220, -5.0887, -1.1594** is the 20% darker color. If you saturate the color by 10%, you get **97.7580, -9.7407, -2.4188**, and if you desaturate by 10%, it is **101.8320, -1.8892, -0.7297**.

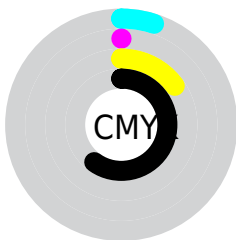
Distribution



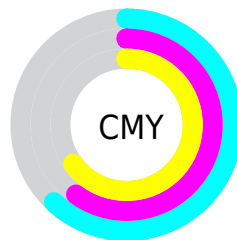
- Red (38%)
- Green (40%)
- Blue (35%)



- Red (35%)
- Yellow (40%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7950, -5.8149, -1.5742 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 99.7950, -5.8149, -1.5742 by changing the saturation by 10% instead.

■ 99.7950, -5.8149,
-1.5742

■ 99.7950, -5.8149,
-1.5742

■ 255.0000, 0.0000,
0.0000

■ 75.9090, -5.3781,
-1.6742

■ 150.6810, -6.2517,
-1.4742

■ 53.3220, -5.0887,
-1.1594

■ 177.2680, -6.5411,
-1.9890

■ 32.0230, -4.9413,
-1.7742

■ 204.5670, -6.6885,
-1.3743

■ 8.5280, -4.2043,
-4.8481

■ 233.1540, -6.9779,
-1.8891

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

■ 99.7950, -5.8149,
-1.5742

■ 99.7950, -5.8149,
-1.5742

■ 97.7580, -9.7407,
-2.4188

■ 101.8320, -1.8892,
-0.7297

■ 95.3080, -13.9558,
-3.7781

■ 104.2820, 2.3260,
0.6297

■ 93.2710, -17.8816,
-4.6227

■ 106.3190, 6.2517,
1.4742

■ 90.9350, -21.6600,
-6.0820

■ 108.6550, 10.0301,
2.9336

■ 88.8980, -25.5857,
-6.9265

■ 110.8060, 14.3926,
3.6781

■ 86.4480, -29.8009,
-8.2859

■ 113.1420, 18.1710,
5.1375

■ 84.4110, -33.7266,
-9.1304

■ 115.1790, 22.0968,
5.9820

■ 82.3740, -37.6524,

■ 117.2160, 26.0225,

-9.9750

6.8266

■ 81.0920, -39.9784,
-10.6047

■ 119.6660, 30.2377,
8.1859

Harmonies

Analogous

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



101.0840, -7.4364, 5.1883



99.7950, -5.8149, -1.5742



98.9620, -2.4463, -8.7367

Triad

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



99.7950, -5.8149, -1.5742



99.4590, 7.1687, -12.6805



102.5500, -0.7641, 11.7957

Complementary

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



99.7950, -5.8149, -1.5742



91.2050, 5.8149, 1.5742

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.



102.7390, 2.5937, 8.1219



99.7950, -5.8149, -1.5742



100.3180, 7.7312, -6.4179

Square

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



99.7950, -5.8149, -1.5742



98.2800, 5.2850, -15.1546



101.9060, 5.9623, 0.9594



101.9370, -4.4059, 13.2103

Rectangle

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



99.7950, -5.8149, -1.5742



98.3360, 0.3274, -11.6957



101.9060, 5.9623, 0.9594



102.4790, 0.2569, 10.9809

Sweetspot

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



99.7950, -5.8149, -1.5742



133.8320, -1.8892, -0.7297



95.4200, -3.6581, 6.6477



68.2450, -1.5998, -0.2149



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



99.7950, -5.8149, -1.5742



129.9860, -8.8671, -2.6187



97.7020, -4.7831, -5.8777



49.8320, -1.8892, -0.7297



90.5280, -44.6303, -11.8641



190.4920, -93.9126, -24.9875

Inverse Universe

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



91.2050, 5.8149, 1.5742



117.0140, 8.8671, 2.6187



93.5970, 4.6357, 6.4924



47.1680, 1.8892, 0.7297



24.4720, 44.6303, 11.8641



51.8070, 93.7651, 25.6023

Previews

White Background



This preview shows how the YUV color 99.7950, -5.8149, -1.5742 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 99.7950, -5.8149, -1.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

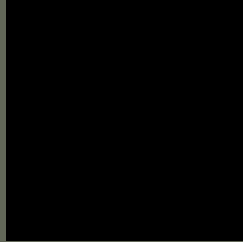
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7950, -5.8149, -1.5742

Background



This preview shows how black text looks on a background with the YUV color 99.7950, -5.8149, -1.5742.



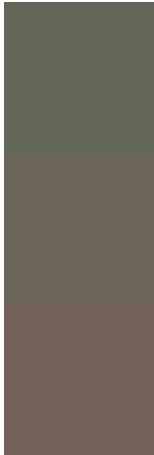
This preview shows how white text looks on a background with the YUV color 99.7950, -5.8149,

-1.5742.

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

99.7950, -5.8149, -1.5742

Protanopia

100.8990, -6.8522, 4.4736

Deuteranopia

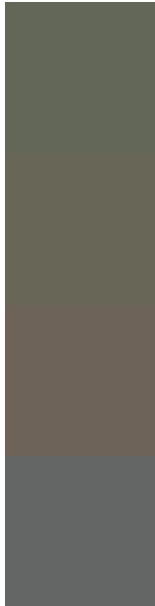
101.4700, -6.1477, 11.8658



Tritanopia

101.2110, 3.3470, -0.1850

Trichromacy



Original Color

99.7950, -5.8149, -1.5742

Protanomaly

100.5890, -6.6994, 2.1144

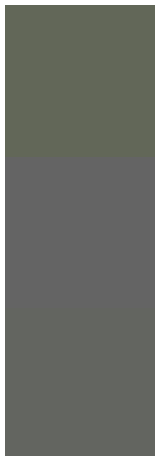
Deuteranomaly

100.8500, -5.8421, 7.1475

Tritanomaly

100.7010, 0.1474, -0.6148

Monochromacy



Original Color

99.7950, -5.8149, -1.5742

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7950, -5.8149, -1.5742 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(98, 103, 88)` looks like.

```
.text, #text, p{  
    color:rgb(98, 103, 88)  
}
```

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(98, 103, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 103, 88) }
```

Border

The CSS property to change the border of an element to YUV 99.7950, -5.8149, -1.5742 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(98, 103, 88) }
```


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

```
.border{ border-color:rgb(98, 103, 88) }
```

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

Here you see how a box with a 4 pixel rgb(98, 103, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 103, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 103, 88);  
box-shadow:4px 4px 4px 4px rgb(98, 103,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 99.7950, -5.8149, -1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 103, 88) }
```

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

```
.background{ background-color: rgb(98, 103,  
88) }
```

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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