

Converting Colors

YUV(99.7580, -13.1917,
-15.5738)

Have a look what the booklet for
YUV(99.7580, -13.1917, -15.5738)
contains.

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Color

**YUV(99.7580, -13.1917,
-15.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	527249
RGB	82, 114, 73
RGB Percent	32%, 45%, 29%
CMY	0.6784, 0.5529, 0.7137
CMYK	0.28, 0.00, 0.36, 0.55
HSL	107°, 22%, 37%
HSV	107°, 36%, 45%
XYZ	10.6996, 14.3095, 8.5014
YIQ	99.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

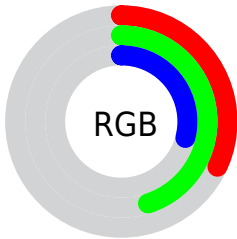
Format	Color
RYB	73, 114, 105
Decimal	5403209
CIELab	44.67, -20.10, 19.13
CIELCh	45, 27.747, 136.420
Yxy	14.3095, 0.3193, 0.4270
Android (android.graphics.Color)	4283593289 (0xFF527249)
YUV	99.7580, -13.1917, -15.5738
Hunter-Lab	37.8279, -15.7103, 13.1547

Details

The YUV color $99.7580, -13.1917, -15.5738$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $87.2420, 13.1917, 15.5738$, and the grayscale version is $100.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $150.8180, -14.2073, -16.5034$, and $52.3990, -12.0287, -15.2589$ is the 20% darker color. If you saturate the color by 10%, you get $95.8130, -16.6698, -20.0070$, and if you desaturate by 10%, it is $103.7030, -9.7136, -11.1405$.

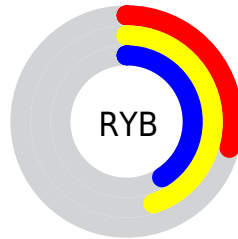
Distribution



Red (32%)

Green (45%)

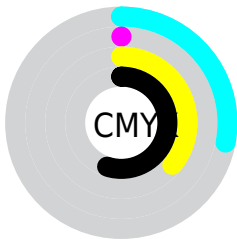
Blue (29%)



Red (29%)

Yellow (45%)

Blue (41%)

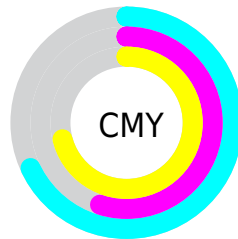


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7580, -13.1917, -15.5738 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 99.7580, -13.1917, -15.5738 by changing the saturation by 10% instead.

■ 99.7580, -13.1917,
-15.5738

■ 99.7580, -13.1917,
-15.5738

255.0000, 0.0000,
0.0000

■ 75.2850, -12.4655,
-15.1589

■ 150.8180,
-14.2073, -16.5034

■ 52.3990, -12.0287,
-15.2589

■ 177.7040,
-14.6441, -16.4034

■ 29.6980, -12.1761,
-14.6441

■ 205.2910,
-14.9335, -16.9182

■ 14.6750, -7.2348,
-12.8700

■ 233.7640,
-15.6597, -17.3330

■ 0.0000, 0.0000,
0.0000

■ 248.5620, -9.1511,
-4.8779

■ 99.7580, -13.1917,
-15.5738

■ 99.7580, -13.1917,
-15.5738

■ 95.8130, -16.6698,
-20.0070

■ 103.7030, -9.7136,
-11.1405

■ 91.7540, -20.5847,
-24.3403

■ 107.7620, -5.7987,
-6.8073

■ 87.8090, -24.0628,
-28.7735

■ 111.7070, -2.3206,
-2.3740

■ 83.7500, -27.9778,
-33.1067

■ 115.7660, 1.5944,
1.9592

■ 80.1040, -31.6033,
-36.9252

■ 119.4120, 5.2199,
5.7777

■ 76.1590, -35.0814,
-41.3584

■ 123.3570, 8.6980,
10.2109

■ 74.3930, -36.6757,
-43.3177

■ 127.4160, 12.6129,
14.5442

■ 131.3610, 16.0910,

18.9774

■ 135.4200, 20.0059,
23.3107

Harmonies

Analogous

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



102.6420, -20.5295, 4.6990



99.7580, -13.1917, -15.5738



94.9430, -0.4649, -37.6610

Triad

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



99.7580, -13.1917, -15.5738



97.8050, 25.7321, -40.1710



107.5210, -6.6659, 38.1311

Complementary

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



99.7580, -13.1917, -15.5738



87.2420, 13.1917, 15.5738

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.



108.6370, 4.1230, 31.0134



99.7580, -13.1917, -15.5738



105.9550, 21.7142, -11.3615

Square

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



99.7580, -13.1917, -15.5738



83.8240, 26.7088, -73.5136



108.5730, 14.5075, 13.5295



106.2680, -16.4011, 33.9680

Rectangle

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



99.7580, -13.1917, -15.5738



89.8790, 9.9197, -55.1449



108.5730, 14.5075, 13.5295



107.5470, -2.7347, 37.2313

Sweetspot

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



99.7580, -13.1917, -15.5738



142.2890, -5.0725, -6.3925



103.4560, -15.0148, 9.2471



70.4680, -3.1887, -3.9184



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



99.7580, -13.1917, -15.5738



125.7540, -20.5847, -24.3403



98.3210, -7.0603, -22.2065



54.1200, -2.0312, -1.8592



78.2140, -38.5595, -45.7917



161.1350, -79.4396, -93.9574

Inverse Universe

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



87.2420, 13.1917, 15.5738



106.2460, 20.5847, 24.3403



88.6790, 7.0603, 22.2065



52.1790, 1.8838, 2.4740



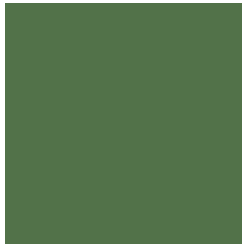
41.7860, 38.5595, 45.7917



85.8650, 79.4396, 93.9574

Previews

White Background



This preview shows how the YUV color 99.7580, -13.1917, -15.5738 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 99.7580, -13.1917, -15.5738 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 99.7580, -13.1917, -15.5738

Background



This preview shows how black text looks on a background with the YUV color 99.7580, -13.1917, -15.5738.



This preview shows how white text looks on a background with the YUV color 99.7580, -13.1917, -15.5738.

-15.5738.

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

99.7580, -13.1917, -15.5738

Protanopia

103.5870, -17.0514, 9.1322

Deuteranopia

105.3260, -14.4577, 17.2541



Tritanopia

103.9320, 6.4425, -13.0954

Trichromacy



Original Color

99.7580, -13.1917, -15.5738

Protanomaly

101.8740, -15.7139, 0.1105

Deuteranomaly

103.3630, -13.9830, 4.9436

Tritanomaly

102.3850, -0.6828, -14.3696

Monochromacy



Original Color

99.7580, -13.1917, -15.5738

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7580, -13.1917, -15.5738 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(82, 114, 73)` looks like.

```
.text, #text, p{  
    color:rgb(82, 114, 73)  
}
```

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(82, 114, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 114, 73) }
```

Border

The CSS property to change the border of an element to YUV 99.7580, -13.1917, -15.5738 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(82, 114, 73) }
```


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

```
.border{ border-color:rgb(82, 114, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 114, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 114, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 114, 73);  
box-shadow:4px 4px 4px 4px rgb(82, 114,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 99.7580, -13.1917, -15.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 114, 73) }
```

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

```
.background{ background-color: rgb(82, 114,  
73) }
```

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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