

Converting Colors

YUV(97.9570, -25.1218,
-15.7483)

Have a look what the booklet for
YUV(97.9570, -25.1218, -15.7483)
contains.

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Color

**YUV(97.9570, -25.1218,
-15.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	50752F
RGB	80, 117, 47
RGB Percent	31%, 46%, 18%
CMY	0.6863, 0.5412, 0.8157
CMYK	0.32, 0.00, 0.60, 0.54
HSL	92°, 43%, 32%
HSV	92°, 60%, 46%
XYZ	10.1826, 14.6333, 4.9771
YIQ	97.9570, 0.4180, -29.6140

Conversions

Conversions Part 2

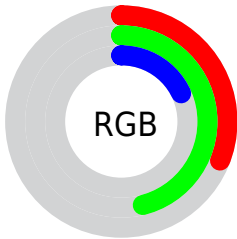
Format	Color
RYB	47, 117, 84
Decimal	5272879
CIELab	45.13, -26.01, 33.88
CIELCh	45, 42.715, 127.513
Yxy	14.6333, 0.3418, 0.4912
Android (android.graphics.Color)	4283462959 (0xFF50752F)
YUV	97.9570, -25.1218, -15.7483
Hunter-Lab	38.2535, -19.4289, 19.0632

Details

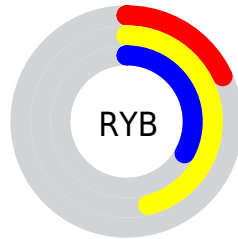
The YUV color **97.9570, -25.1218, -15.7483** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66.0430, 25.1218, 15.7483**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6150, -26.4322, -15.4484**, and **49.1850, -24.2482, -15.9482** is the 20% darker color. If you saturate the color by 10%, you get **94.7950, -29.4789, -18.2372**, and if you desaturate by 10%, it is **101.1190, -20.7647, -13.2594**.

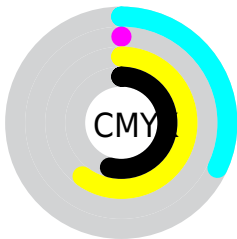
Distribution



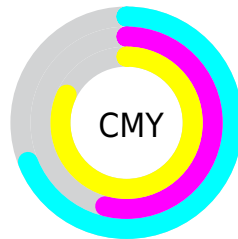
- Red (31%)
- Green (46%)
- Blue (18%)



- Red (18%)
- Yellow (46%)
- Blue (33%)



- Cyan (32%)
- Magenta (0%)
- Yellow (60%)
- Black (54%)



- Cyan (69%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9570, -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 97.9570, -25.1218, -15.7483 by changing the saturation by 10% instead.

■ 97.9570, -25.1218,
-15.7483

■ 97.9570, -25.1218,
-15.7483

255.0000, 0.0000,
0.0000

■ 73.0710, -24.6850,
-15.8483

■ 149.6150,
-26.4322, -15.4484

■ 49.1850, -24.2482,
-15.9482

■ 176.6750,
-27.4478, -16.3780

■ 28.4970, -14.0490,
-20.6069

■ 204.4470,
-28.3214, -16.1780

■ 15.8490, -7.8136,
-13.8996

■ 232.3330,
-28.7582, -16.0780

■ 0.0000, 0.0000,
0.0000

■ 245.3700,
-21.3814, -2.0785

■ 252.1500,

-10.9200, 2.4994

■ 97.9570, -25.1218,
-15.7483

■ 97.9570, -25.1218,
-15.7483

■ 94.7950, -29.4789,
-18.2372

■ 101.1190,
-20.7647, -13.2594

■ 91.7470, -33.3993,
-20.8261

■ 104.1670,
-16.8443, -10.6705

■ 88.2860, -37.6090,
-23.9298

■ 107.6280,
-12.6346, -7.5668

■ 85.1240, -41.9661,
-26.4187

■ 110.7900, -8.2775,
-5.0778

■ 113.9520, -3.9203,
-2.5889

■ 117.0000, 0.0000,
0.0000

■ 120.1620, 4.3571,
2.4889

■ 123.3240, 8.7143,
4.9779

■ 126.6710, 12.4872,
8.1815

Harmonies

Analogous

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



102.2120, -35.1075, 13.8461



97.9570, -25.1218, -15.7483



84.3930, -3.1517, -62.6117

Triad

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



97.9570, -25.1218, -15.7483



88.8740, 40.9811, -77.9425



106.1520, -3.5259, 57.7487

Complementary

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



97.9570, -25.1218, -15.7483



66.0430, 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.



109.2930, 12.6736, 41.8390



97.9570, -25.1218, -15.7483



99.4210, 38.2464, -40.7112

Square

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



97.9570, -25.1218, -15.7483



89.1870, 29.4878, -78.2170



110.0530, 26.5959, 9.6005



105.7760, -20.1026, 54.5704

Rectangle

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



97.9570, -25.1218, -15.7483



84.5300, 9.1057, -74.1328



110.0530, 26.5959, 9.6005



107.2100, 1.8685, 54.1898

Sweetspot

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



97.9570, -25.1218, -15.7483



145.3230, -10.0192, -6.4223



89.0620, -20.7366, 24.5016



72.3710, -6.0989, -3.8334



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



97.9570, -25.1218, -15.7483



123.1180, -39.4982, -24.6595



88.2040, -19.8206, -36.1359



57.4190, -2.1786, -1.2445



88.9560, -43.8553, -27.1484



182.0320, -89.7418, -56.1561

Inverse Universe

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



66.0430, 25.1218, 15.7483



72.8820, 39.4982, 24.6595



75.7960, 19.8206, 36.1359



54.5810, 2.1786, 1.2445



33.3430, 43.7079, 27.7632



67.9680, 89.7418, 56.1561

Previews

White Background



This preview shows how the YUV color 97.9570, -25.1218, -15.7483 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 97.9570, -25.1218, -15.7483 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 97.9570, -25.1218, -15.7483

Background



This preview shows how black text looks on a background with the YUV color 97.9570, -25.1218, -15.7483.



This preview shows how white text looks on a background with the YUV color 97.9570, -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

97.9570, -25.1218, -15.7483

Protanopia

103.4060, -29.2872, 13.6759

Deuteranopia

104.3840, -25.8253, 23.3422



Tritanopia

104.9320, 6.4425, -13.0954

Trichromacy



Original Color

97.9570, -25.1218, -15.7483

Protanomaly

101.6820, -27.9442, 2.9099

Deuteranomaly

101.9970, -25.6345, 8.7726

Tritanomaly

102.5330, -5.1928, -14.4994

Monochromacy



Original Color

97.9570, -25.1218, -15.7483

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9570, -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(80, 117, 47)` looks like.

```
.text, #text, p{  
    color:rgb(80, 117, 47)  
}
```

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(80, 117, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 117, 47) }
```

Border

The CSS property to change the border of an element to YUV 97.9570, -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(80, 117, 47) }
```


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

```
.border{ border-color:rgb(80, 117, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 117, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 117, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 117, 47);  
box-shadow:4px 4px 4px 4px rgb(80, 117,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 97.9570, -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(80, 117, 47) }
```

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

```
.background{ background-color: rgb(80, 117,  
47) }
```

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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