

Converting Colors

YUV(99.8430, -8.7966, -25.2953)

Have a look what the booklet for
YUV(99.8430, -8.7966, -25.2953)
contains.

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Color

**YUV(99.8430, -8.7966,
-25.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	477652
RGB	71, 118, 82
RGB Percent	28%, 46%, 32%
CMY	0.7216, 0.5373, 0.6784
CMYK	0.40, 0.00, 0.31, 0.54
HSL	134°, 25%, 37%
HSV	134°, 40%, 46%
XYZ	10.6000, 14.9057, 10.3010
YIQ	99.8430, -16.4560, -21.1600

Conversions

Conversions Part 2

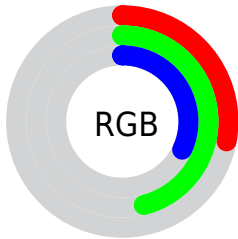
Format	Color
R_{YB}	71, 109, 118
Decimal	4683346
CIE _{Lab}	45.50, -24.43, 14.91
CIE _{LCh}	46, 28.625, 148.607
Yxy	14.9057, 0.2960, 0.4163
Android (android.graphics.Color)	4282873426 (0xFF477652)
YUV	99.8430, -8.7966, -25.2953
Hunter-Lab	38.6078, -18.5557, 11.2062

Details

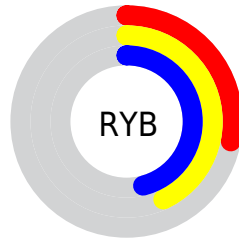
The YUV color **99.8430, -8.7966, -25.2953** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.1570, 8.7966, 25.2953**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0170, -9.3754, -26.3249**, and **51.2990, -7.0494, -25.6952** is the 20% darker color. If you saturate the color by 10%, you get **95.2290, -10.9589, -31.7728**, and if you desaturate by 10%, it is **104.4570, -6.6343, -18.8178**.

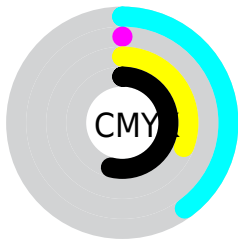
Distribution



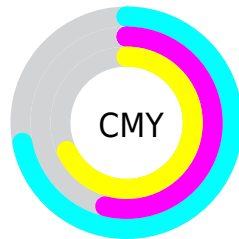
- Red (28%)
- Green (46%)
- Blue (32%)



- Red (28%)
- Yellow (43%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (54%)



- Cyan (72%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8430, -8.7966, -25.2953 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 99.8430, -8.7966, -25.2953 by changing the saturation by 10% instead.

■ 99.8430, -8.7966,
-25.2953

■ 99.8430, -8.7966,
-25.2953

255.0000, 0.0000,
0.0000

■ 75.3700, -8.0704,
-24.8805

■ 151.0170, -9.3754,
-26.3249

■ 51.2990, -7.0494,
-25.6952

■ 178.4900,
-10.1016, -26.7397

■ 28.8260, -6.3232,
-25.2804

■ 206.0770,
-10.3910, -27.2545

■ 16.4360, -8.1029,
-14.4144

■ 234.5500,
-11.1172, -27.6694

■ 0.0000, 0.0000,
0.0000

■ 246.2280, -2.5774,
-13.3550

■ 99.8430, -8.7966,
-25.2953

■ 99.8430, -8.7966,
-25.2953

■ 95.2290, -10.9589,
-31.7728

■ 104.4570, -6.6343,
-18.8178

■ 90.6150, -13.1212,
-38.2504

■ 109.0710, -4.4720,
-12.3403

■ 86.3000, -15.4309,
-44.1131

■ 113.3860, -2.1623,
-6.4775

■ 81.6860, -17.5932,
-50.5906

■ 118.0000, 0.0000,
0.0000

■ 77.0720, -19.7555,
-57.0681

■ 122.6140, 2.1623,
6.4775

■ 72.4580, -21.9178,
-63.5457

■ 127.2280, 4.3246,
12.9550

■ 131.8420, 6.4869,
19.4326

■ 136.1570, 8.7966,

25.2953

■ 140.7710, 10.9589,
31.7728

Harmonies

Analogous

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



103.6410, -19.0500, -3.1932



99.8430, -8.7966, -25.2953



93.2880, 6.2670, -50.2416

Triad

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



99.8430, -8.7966, -25.2953



103.1700, 25.5522, -29.0901



108.9680, -11.3232, 38.6161

Complementary

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



99.8430, -8.7966, -25.2953



89.1570, 8.7966, 25.2953

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.



110.2310, -0.1139, 36.6314



99.8430, -8.7966, -25.2953



109.5650, 19.9345, -0.4955

Square

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



99.8430, -8.7966, -25.2953



90.9330, 28.1340, -63.9622



111.3030, 10.6966, 22.5363



108.0350, -19.7373, 30.6643

Rectangle

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



99.8430, -8.7966, -25.2953



84.3480, 18.5624, -73.9732



111.3030, 10.6966, 22.5363



109.0050, -7.3975, 39.4606

Sweetspot

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



99.8430, -8.7966, -25.2953



146.0220, -3.4618, -9.6663



109.3530, -18.9080, -2.0636



72.6850, -2.3097, -5.8627



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.



99.8430, -8.7966, -25.2953



124.7890, -13.7000, -39.2800



102.4650, 1.2498, -27.5948



56.6360, -1.2995, -3.1888



74.9200, -22.6386, -65.7048



153.3620, -47.0135, -134.4985

Inverse Universe

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



89.1570, 8.7966, 25.2953



108.2110, 13.7000, 39.2800



86.5350, -1.2498, 27.5948



55.2500, 0.8628, 3.2888



47.1940, 23.0754, 65.6049



96.5240, 46.5767, 134.5985

Previews

White Background



This preview shows how the YUV color 99.8430, -8.7966, -25.2953 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 99.8430, -8.7966, -25.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

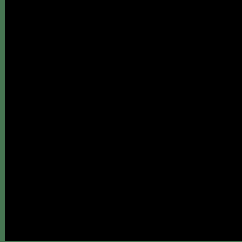
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8430, -8.7966, -25.2953

Background



This preview shows how black text looks on a background with the YUV color 99.8430, -8.7966, -25.2953.



This preview shows how white text looks on a background with the YUV color 99.8430, -8.7966, -25.2953.

-25.2953.

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

99.8430, -8.7966, -25.2953

Protanopia

105.9720, -14.2832, 7.9176

Deuteranopia

107.5260, -11.1053, 15.3247



Tritanopia

104.1590, 8.7956, -21.1874

Trichromacy



Original Color

99.8430, -8.7966, -25.2953

Protanomaly

103.7640, -12.2087, -4.1780

Deuteranomaly

104.3670, -10.0409, 0.5551

Tritanomaly

102.7260, 2.1071, -22.5617

Monochromacy



Original Color

99.8430, -8.7966, -25.2953

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8430, -8.7966, -25.2953 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(71, 118, 82)` looks like.

```
.text, #text, p{  
    color:rgb(71, 118, 82)  
}
```

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(71, 118, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 118, 82) }
```

Border

The CSS property to change the border of an element to YUV 99.8430, -8.7966, -25.2953 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(71, 118, 82) }
```


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

```
.border{ border-color:rgb(71, 118, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 118, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 118, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 118, 82);  
box-shadow:4px 4px 4px 4px rgb(71, 118,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 99.8430, -8.7966, -25.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 118, 82) }
```

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

```
.background{ background-color: rgb(71, 118,  
82) }
```

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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