

Converting Colors

YUV(99.8240, -26.5352,
17.6944)

Have a look what the booklet for
YUV(99.8240, -26.5352, 17.6944)
contains.

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Color

**YUV(99.8240, -26.5352,
17.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	78642E
RGB	120, 100, 46
RGB Percent	47%, 39%, 18%
CMY	0.5294, 0.6078, 0.8196
CMYK	0.00, 0.17, 0.62, 0.53
HSL	44°, 45%, 33%
HSV	44°, 62%, 47%
XYZ	12.7960, 13.3047, 4.4784
YIQ	99.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

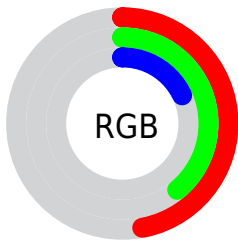
Format	Color
R_{YB}	73, 120, 46
Decimal	7889966
CIE Lab	43.22, 1.01, 33.06
CIE LCh	43, 33.079, 88.254
Yxy	13.3047, 0.4185, 0.4351
Android (android.graphics.Color)	4286080046 (0xFF78642E)
YUV	99.8240, -26.5352, 17.6944
Hunter-Lab	36.4756, -1.2124, 18.2534

Details

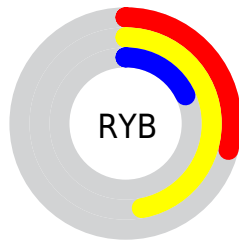
The YUV color **99.8240, -26.5352, 17.6944** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.1760, 26.5352, -17.6944**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3790, -28.2878, 19.8386**, and **52.3290, -25.7982, 14.6205** is the 20% darker color. If you saturate the color by 10%, you get **96.6950, -30.9086, 20.4385**, and if you desaturate by 10%, it is **102.9530, -22.1618, 14.9502**.

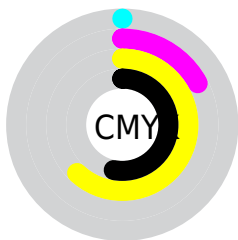
Distribution



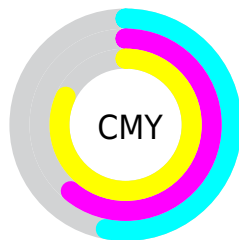
- Red (47%)
- Green (39%)
- Blue (18%)



- Red (29%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (17%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8240, -26.5352, 17.6944 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 99.8240, -26.5352, 17.6944 by changing the saturation by 10% instead.

■ 99.8240, -26.5352,
17.6944

■ 99.8240, -26.5352,
17.6944

■ 255.0000, 0.0000,
0.0000

■ 75.3400, -25.8036,
16.3648

■ 151.3790,
-28.2878, 19.8386

■ 52.3290, -25.7982,
14.6205

■ 177.8630,
-29.0195, 21.1681

■ 32.8260, -16.1832,
10.6766

■ 205.9340,
-30.0405, 21.9829

■ 11.5510, -5.6946,
6.5328

■ 232.6240,
-29.8876, 19.6238

■ 0.0000, 0.0000,
0.0000

■ 248.7300,
-24.0239, 5.4988

■ 251.9220,

-11.7935, 2.6994

■ 99.8240, -26.5352,
17.6944

■ 99.8240, -26.5352,
17.6944

■ 96.6950, -30.9086,
20.4385

■ 102.9530,
-22.1618, 14.9502

■ 93.5660, -35.2820,
23.1826

■ 106.0820,
-17.7884, 12.2061

■ 89.8500, -39.3660,
26.4416

■ 109.7980,
-13.7044, 8.9472

■ 87.5360, -43.1552,
28.4709

■ 112.9270, -9.3310,
6.2030

■ 116.0560, -4.9576,
3.4589

■ 119.1850, -0.5842,
0.7148

■ 122.9010, 3.4998,
-2.5442

■ 126.0300, 7.8732,
-5.2883

■ 129.1590, 12.2466,
-8.0324

Harmonies

Analogous

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



101.3730, -22.3689, 34.7529



99.8240, -26.5352, 17.6944



96.8320, -22.1022, -4.2377

Triad

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



99.8240, -26.5352, 17.6944



82.5700, 21.9040, -72.4139



105.1940, 12.7224, 26.1399

Complementary

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



99.8240, -26.5352, 17.6944



66.1760, 26.5352, -17.6944

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.



103.9500, 22.7027, -1.7101



99.8240, -26.5352, 17.6944



82.6160, 32.2343, -72.4542

Square

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



99.8240, -26.5352, 17.6944



79.4920, 10.1104, -69.7145



94.7820, 30.6735, -38.3968



103.4920, 0.7434, 41.6645

Rectangle

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



99.8240, -26.5352, 17.6944



94.2690, -14.9226, -20.4069



94.7820, 30.6735, -38.3968



105.4640, 16.5332, 17.1331

Sweetspot

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



99.8240, -26.5352, 17.6944



147.8840, -10.7888, 7.1177



70.5200, -1.7354, 43.3940



74.0130, -6.4154, 4.3736



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.8240, -26.5352, 17.6944



123.9920, -41.4081, 28.0710



106.7800, -29.9645, -2.4381



59.7290, -2.3314, 1.1147



90.7920, -44.7605, 30.0004



183.3560, -90.3945, 60.2008

Inverse Universe

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



66.1760, 26.5352, -17.6944



72.0080, 41.4081, -28.0710



59.2200, 29.9645, 2.4381



56.8580, 2.0420, -1.6295



34.2080, 44.7605, -30.0004



68.6440, 90.3945, -60.2008

Previews

White Background



This preview shows how the YUV color 99.8240, -26.5352, 17.6944 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 99.8240, -26.5352, 17.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

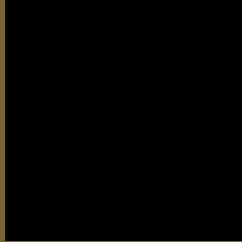
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8240, -26.5352, 17.6944

Background



This preview shows how black text looks on a background with the YUV color 99.8240, -26.5352, 17.6944.



This preview shows how white text looks on a background with the YUV color 99.8240, -26.5352,

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

99.8240, -26.5352, 17.6944

Protanopia

99.0190, -25.6454, 12.2613

Deuteranopia

99.9710, -26.1147, 22.8274



Tritanopia

104.0670, -1.5120, 18.3582

Trichromacy



Original Color

99.8240, -26.5352, 17.6944

Protanomaly

99.3290, -25.7982, 14.6205

Deuteranomaly

99.9600, -26.1093, 21.0831

Tritanomaly

102.3630, -10.5320, 18.0986

Monochromacy



Original Color

99.8240, -26.5352, 17.6944

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8240, -26.5352, 17.6944 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(120, 100, 46)` looks like.

```
.text, #text, p{  
    color:rgb(120, 100, 46)  
}
```

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(120, 100, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 100, 46) }
```

Border

The CSS property to change the border of an element to YUV 99.8240, -26.5352, 17.6944 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(120, 100, 46) }
```


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

```
.border{ border-color:rgb(120, 100, 46) }
```

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

Here you see how a box with a 4 pixel rgb(120, 100, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 100, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 100, 46);  
box-shadow:4px 4px 4px 4px rgb(120, 100,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 99.8240, -26.5352, 17.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 100, 46) }
```

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

```
.background{ background-color: rgb(120,  
100, 46) }
```

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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