

Converting Colors

YUV(77.9400, -5.8864, -25.3804)

Have a look what the booklet for
YUV(77.9400, -5.8864, -25.3804)
contains.

YUV(77.9400, -5.8864, -25.3804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.9400, -5.8864,
-25.3804)**

Conversions

Conversions Part 1

Format	Color
Hex	315F42
RGB	49, 95, 66
RGB Percent	19%, 37%, 26%
CMY	0.8078, 0.6275, 0.7412
CMYK	0.48, 0.00, 0.31, 0.63
HSL	142°, 32%, 28%
HSV	142°, 48%, 37%
XYZ	6.3422, 9.2307, 6.6017
YIQ	77.9400, -18.1070, -18.7710

Conversions

Conversions Part 2

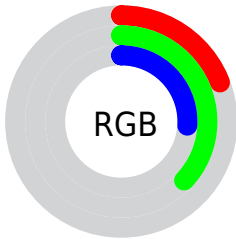
Format	Color
RYB	49, 83, 95
Decimal	3235650
CIELab	36.42, -23.17, 11.82
CIELCh	36, 26.007, 152.976
Yxy	9.2307, 0.2860, 0.4163
Android (android.graphics.Color)	4281425730 (0xFF315F42)
YUV	77.9400, -5.8864, -25.3804
Hunter-Lab	30.3821, -15.9072, 8.3844

Details

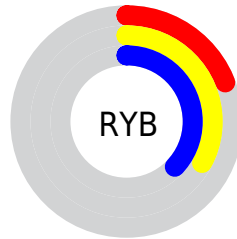
The YUV color **77.9400, -5.8864, -25.3804** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66.0600, 5.8864, 25.3804**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0000, -6.9020, -26.3100**, and **30.7980, -3.8444, -27.0098** is the 20% darker color. If you saturate the color by 10%, you get **74.5650, -7.1805, -30.3135**, and if you desaturate by 10%, it is **81.6140, -4.7397, -19.8325**.

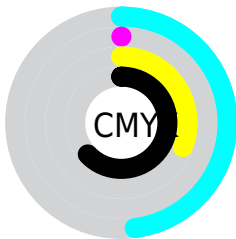
Distribution



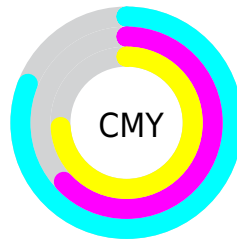
- Red (19%)
- Green (37%)
- Blue (26%)



- Red (19%)
- Yellow (33%)
- Blue (37%)



- Cyan (48%)
- Magenta (0%)
- Yellow (31%)
- Black (63%)



- Cyan (81%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9400, -5.8864, -25.3804 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 77.9400, -5.8864, -25.3804 by changing the saturation by 10% instead.

■ 77.9400, -5.8864,
-25.3804

■ 77.9400, -5.8864,
-25.3804

255.0000, 0.0000,
0.0000

■ 54.1680, -5.0128,
-25.5803

■ 128.0000, -6.9020,
-26.3100

■ 30.7980, -3.8444,
-27.0098

■ 154.5870, -7.1914,
-26.8248

■ 17.0230, -8.3923,
-14.9292

■ 181.1740, -7.4808,
-27.3396

■ 0.0000, 0.0000,
0.0000

■ 208.7610, -7.7702,
-27.8544

■ 236.1740, -7.4808,
-27.3396

■ 248.1510, 0.9116,

-12.4104

■ 77.9400, -5.8864,
-25.3804

■ 77.9400, -5.8864,
-25.3804

■ 74.5650, -7.1805,
-30.3135

■ 81.6140, -4.7397,
-19.8325

■ 70.8910, -8.3273,
-35.8614

■ 84.9890, -3.4456,
-14.8994

■ 67.5160, -9.6214,
-40.7945

■ 88.6630, -2.2989,
-9.3515

■ 63.8420, -10.7681,
-46.3424

■ 92.0380, -1.0047,
-4.4183

■ 60.4670, -12.0622,
-51.2756

■ 95.7120, 0.1420,
1.1296

■ 59.7550, -12.2042,
-52.4051

■ 99.0870, 1.4361,
6.0627

■ 102.7610, 2.5828,
11.6106

■ 106.1360, 3.8770,
16.5437

■ 109.8100, 5.0237,
22.0916

Harmonies

Analogous

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



81.5420, -15.5502, -5.7373



77.9400, -5.8864, -25.3804



69.5480, 8.6038, -53.1006

Triad

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



77.9400, -5.8864, -25.3804



82.5900, 21.8941, -22.4424



86.0490, -10.8702, 33.2830

Complementary

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



77.9400, -5.8864, -25.3804



66.0600, 5.8864, 25.3804

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.



87.4540, -1.7028, 32.9278



77.9400, -5.8864, -25.3804



87.0770, 16.7240, 2.5635

Square

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



77.9400, -5.8864, -25.3804



69.0970, 26.0812, -58.8441



88.0210, 8.3706, 21.9066



85.4580, -17.9738, 25.0313

Rectangle

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



77.9400, -5.8864, -25.3804



67.8660, 16.3351, -59.5185



88.0210, 8.3706, 21.9066



86.7440, -8.2548, 34.4275

Sweetspot

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



77.9400, -5.8864, -25.3804



115.3640, -2.1515, -9.9662



84.6730, -17.5868, -5.8522



56.9130, -1.4361, -6.0627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.9400, -5.8864, -25.3804



95.7550, -8.7532, -39.2501



80.5620, 4.1599, -27.6799



46.4620, -0.7208, -2.1592



70.4180, -14.5031, -61.7566



151.0260, -30.5788, -132.4498

Inverse Universe

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



66.0600, 5.8864, 25.3804



77.3590, 9.1900, 39.1502



63.4380, -4.1599, 27.6799



45.5380, 0.7208, 2.1592



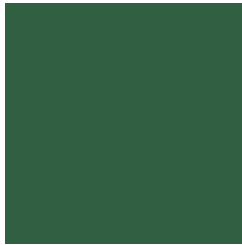
41.5820, 14.5031, 61.7566



88.9740, 30.5788, 132.4498

Previews

White Background



This preview shows how the YUV color 77.9400, -5.8864, -25.3804 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.9400, -5.8864, -25.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 77.9400, -5.8864, -25.3804 Background



This preview shows how black text looks on a background with the YUV color 77.9400, -5.8864, -25.3804.



This preview shows how white text looks on a background with the YUV color 77.9400, -5.8864,

-25.3804.

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

77.9400, -5.8864, -25.3804

Protanopia

84.4710, -11.0782, 6.6029

Deuteranopia

85.6010, -8.1843, 11.7509



Tritanopia

81.6320, 8.0694, -21.6023

Trichromacy



Original Color

77.9400, -5.8864, -25.3804

Protanomaly

82.1490, -9.4405, -5.3927

Deuteranomaly

83.0400, -7.4147, -1.7891

Tritanomaly

79.9540, 2.9807, -22.7617

Monochromacy



Original Color

77.9400, -5.8864, -25.3804

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7770, -1.8621, -9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9400, -5.8864, -25.3804 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(49, 95, 66)` looks like.

```
.text, #text, p{  
    color:rgb(49, 95, 66)  
}
```

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(49, 95, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 95, 66) }
```

Border

The CSS property to change the border of an element to YUV 77.9400, -5.8864, -25.3804 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(49, 95, 66) }
```


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

```
.border{ border-color:rgb(49, 95, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 95, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 95, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 95, 66);  
box-shadow:4px 4px 4px 4px rgb(49, 95, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.9400, -5.8864, -25.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 95, 66) }
```

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

```
.background{ background-color: rgb(49, 95,  
66) }
```

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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