

Converting Colors

YUV(75.9510, 10.8702,
-33.2830)

Have a look what the booklet for
YUV(75.9510, 10.8702, -33.2830)
contains.

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Color

**YUV(75.9510, 10.8702,
-33.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	265B62
RGB	38, 91, 98
RGB Percent	15%, 36%, 38%
CMY	0.8510, 0.6431, 0.6157
CMYK	0.61, 0.07, 0.00, 0.62
HSL	187°, 44%, 27%
HSV	187°, 61%, 38%
XYZ	6.7450, 8.7761, 12.8937
YIQ	75.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

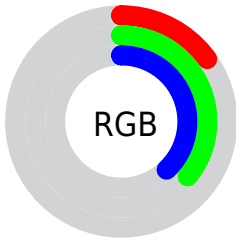
Format	Color
R_{YB}	38, 66, 98
Decimal	2513762
CIE _{Lab}	35.55, -15.19, -9.33
CIE _{LCh}	36, 17.828, 211.573
Yxy	8.7761, 0.2374, 0.3089
Android (android.graphics.Color)	4280703842 (0xFF265B62)
YUV	75.9510, 10.8702, -33.2830
Hunter-Lab	29.6245, -11.2012, -5.0682




Details

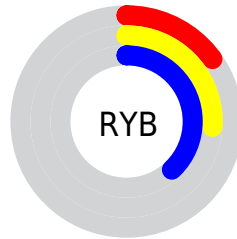
The YUV color **75.9510, 10.8702, -33.2830** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.0490, -10.8702, 33.2830**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.6630, 11.0121, -32.1535**, and **32.3430, 9.6909, -28.3648** is the 20% darker color. If you saturate the color by 10%, you get **72.3740, 12.6336, -38.9160**, and if you desaturate by 10%, it is **79.5280, 9.1067, -27.6501**.

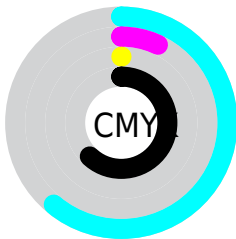
Distribution







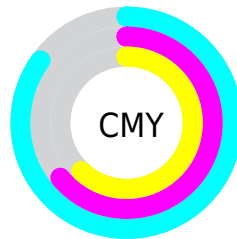
-  Red (15%)
-  Green (36%)
-  Blue (38%)






-  Red (15%)
-  Yellow (26%)
-  Blue (38%)



-  Cyan (61%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9510, 10.8702, -33.2830 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 75.9510, 10.8702, -33.2830 by changing the saturation by 10% instead.

■ 75.9510, 10.8702,
-33.2830

■ 75.9510, 10.8702,
-33.2830

■ 255.0000, 0.0000,
0.0000

■ 49.5590, 12.0494,
-38.2012

■ 126.6630, 11.0121,
-32.1535

■ 32.3430, 9.6909,
-28.3648

■ 153.2500, 10.7227,
-32.6683

■ 18.6820, 5.5798,
-16.3841

■ 180.3640, 11.1595,
-32.7682

■ 0.4560, 1.7472,
-0.3999

■ 208.0650, 11.3070,
-33.3830

■ 0.0000, 0.0000,
0.0000

■ 236.1960, 9.2704,
-33.4979

■ 246.3290, 4.2748,

-17.8285

■ 75.9510, 10.8702,
-33.2830

■ 75.9510, 10.8702,
-33.2830

■ 72.3740, 12.6336,
-38.9160

■ 79.5280, 9.1067,
-27.6501

■ 68.7970, 14.3971,
-44.5490

■ 83.1050, 7.3432,
-22.0171

■ 65.5190, 16.0131,
-49.5672

■ 86.3830, 5.7272,
-16.9989

■ 62.2410, 17.6292,
-54.5854

■ 90.5470, 3.6743,
-11.8807

■ 94.1240, 1.9109,
-6.2477

■ 97.7010, 0.1474,
-0.6148

■ 101.2780, -1.6161,
5.0182

■ 104.5560, -3.2321,
10.0364

■ 108.1330, -4.9956,
15.6694

Harmonies

Analogous

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



76.7470, 3.5757, -26.9651



75.9510, 10.8702, -33.2830



78.6080, 14.4903, -27.7202

Triad

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



75.9510, 10.8702, -33.2830



85.5810, 5.6296, 14.3995



82.7980, -13.7044, 8.9472

Complementary

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



75.9510, 10.8702, -33.2830



60.0490, -10.8702, 33.2830

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.



83.9070, -12.2792, 18.4986



75.9510, 10.8702, -33.2830



85.5020, -1.2335, 22.3617

Square

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



75.9510, 10.8702, -33.2830



85.2850, 11.1985, 1.5041



84.7920, -7.7855, 23.8614



81.1170, -10.9037, -2.7336

Rectangle

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



75.9510, 10.8702, -33.2830



80.7770, 14.8999, -19.0984



84.7920, -7.7855, 23.8614



82.9340, -13.2785, 12.3359

Sweetspot

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



75.9510, 10.8702, -33.2830



119.3620, 4.2585, -12.5955



74.0180, -14.3059, -31.5878



58.6400, 2.6425, -7.5773



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.9510, 10.8702, -33.2830



93.4370, 17.0396, -52.1262



58.3410, 19.5519, -17.8391



46.8040, 0.5896, -2.4591



70.8810, 20.2717, -62.1626



151.8040, 43.4806, -133.1321

Inverse Universe

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



61.9820, 14.3059, 31.5878



71.5680, 22.3980, 49.4909



77.6590, -19.5519, 17.8391



45.6520, 1.1576, 2.0592



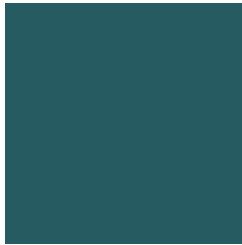
44.7740, 26.7334, 58.9572



95.9280, 57.2235, 126.3511

Previews

White Background



This preview shows how the YUV color 75.9510, 10.8702, -33.2830 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 75.9510, 10.8702, -33.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

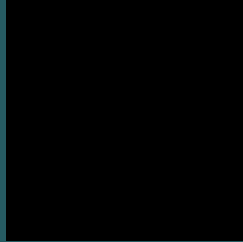
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9510, 10.8702, -33.2830

Background



This preview shows how black text looks on a background with the YUV color 75.9510, 10.8702, -33.2830.



This preview shows how white text looks on a background with the YUV color 75.9510, 10.8702,

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

75.9510, 10.8702, -33.2830

Protanopia

83.8410, 4.5154, -1.6146

Deuteranopia

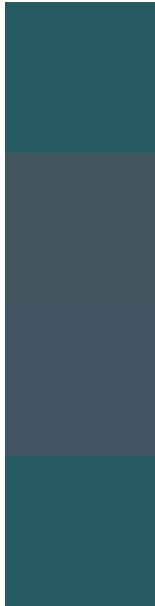
83.7640, 8.0043, -0.6700



Tritanopia

75.9510, 10.8702, -33.2830

Trichromacy



Original Color

75.9510, 10.8702, -33.2830

Protanomaly

81.0460, 6.8793, -13.1953

Deuteranomaly

81.2140, 8.7685, -12.4657

Tritanomaly

75.9510, 10.8702, -33.2830

Monochromacy



Original Color

75.9510, 10.8702, -33.2830

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6610, 4.1111, -11.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9510, 10.8702, -33.2830 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(38, 91, 98)` looks like.

```
.text, #text, p{  
    color:rgb(38, 91, 98)  
}
```

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(38, 91, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 91, 98) }
```

Border

The CSS property to change the border of an element to YUV 75.9510, 10.8702, -33.2830 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(38, 91, 98) }
```


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

```
.border{ border-color:rgb(38, 91, 98) }
```

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

Here you see how a box with a 4 pixel rgb(38, 91, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 91, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 91, 98);  
box-shadow:4px 4px 4px 4px rgb(38, 91, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.9510, 10.8702, -33.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 91, 98) }
```

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

```
.background{ background-color: rgb(38, 91,  
98) }
```

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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