

Converting Colors

YUV(61.3510, 24.4770,
-10.8318)

Have a look what the booklet for
YUV(61.3510, 24.4770, -10.8318)
contains.

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Color

**YUV(61.3510, 24.4770,
-10.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	313A6F
RGB	49, 58, 111
RGB Percent	19%, 23%, 44%
CMY	0.8078, 0.7725, 0.5647
CMYK	0.56, 0.48, 0.00, 0.56
HSL	231°, 39%, 31%
HSV	231°, 56%, 44%
XYZ	5.6489, 4.8268, 15.6729
YIQ	61.3510, -22.3770, 14.5750

Conversions

Conversions Part 2

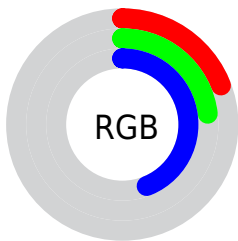
Format	Color
R_{YB}	49, 57, 111
Decimal	3226223
CIE _{Lab}	26.24, 13.08, -32.00
CIE _{LCh}	26, 34.564, 292.228
Yxy	4.8268, 0.2160, 0.1846
Android (android.graphics.Color)	4281416303 (0xFF313A6F)
YUV	61.3510, 24.4770, -10.8318
Hunter-Lab	21.9699, 7.4487, -26.9172

Details

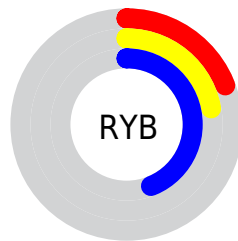
The YUV color **61.3510, 24.4770, -10.8318** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.6490, -24.4770, 10.8318**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1170, 26.0713, -8.8726**, and **17.1610, 22.5986, -15.0502** is the 20% darker color. If you saturate the color by 10%, you get **52.7790, 28.7030, -12.9612**, and if you desaturate by 10%, it is **69.9230, 20.2510, -8.7025**.

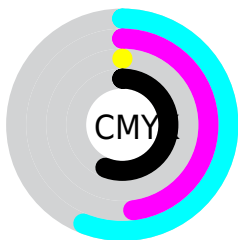
Distribution



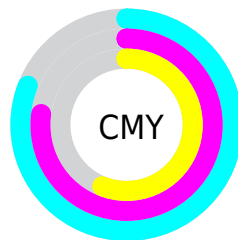
- Red (19%)
- Green (23%)
- Blue (44%)



- Red (19%)
- Yellow (22%)
- Blue (44%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (56%)



- Cyan (81%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3510, 24.4770, -10.8318 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 61.3510, 24.4770, -10.8318 by changing the saturation by 10% instead.

■ 61.3510, 24.4770,
-10.8318

■ 61.3510, 24.4770,
-10.8318

■ 255.0000, 0.0000,
0.0000

■ 38.1010, 23.6142,
-14.1206

■ 110.1170, 26.0713,
-8.8726

■ 17.1610, 22.5986,
-15.0502

■ 135.6440, 26.7975,
-8.4578

■ 6.3210, 16.6037,
-5.5435

■ 162.1710, 27.5237,
-8.0430

■ 2.6390, 7.5730,
-2.3144

■ 189.6980, 28.2499,
-7.6281

■ 0.0000, 0.0000,
0.0000

■ 214.8310, 19.8033,
-5.1138

■ 240.5250, 7.1362,

-2.2144

■ 61.3510, 24.4770,
-10.8318

■ 61.3510, 24.4770,
-10.8318

■ 52.7790, 28.7030,
-12.9612

■ 69.9230, 20.2510,
-8.7025

■ 43.6200, 33.2183,
-14.5757

■ 79.0820, 15.7356,
-7.0879

■ 35.0480, 37.4443,
-16.7051

■ 87.6540, 11.5096,
-4.9586

■ 25.8890, 41.9597,
-18.3197

■ 96.8130, 6.9942,
-3.3440

■ 22.0460, 43.8543,
-19.3343

■ 105.6840, 2.6208,
-0.5999

■ 114.8430, -1.8946,
1.0147

■ 123.4150, -6.1206,
3.1440

■ 132.5740,
-10.6360, 4.7586

■ 141.1460,
-14.8620, 6.8880

Harmonies

Analogous

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



52.3250, 30.4058, -45.8890



61.3510, 24.4770, -10.8318



63.8450, 15.3594, 20.3069

Triad

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



61.3510, 24.4770, -10.8318



60.4700, -19.4587, 34.6678



49.5940, 2.1722, -43.4939

Complementary

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



61.3510, 24.4770, -10.8318



98.6490, -24.4770, 10.8318

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.



51.7350, -11.7014, -26.9546



61.3510, 24.4770, -10.8318



58.6070, -27.4143, 19.6387

Square

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



61.3510, 24.4770, -10.8318



59.9130, -7.8451, 43.0493



56.8710, -24.5864, -0.7639



52.6720, 13.9657, -46.1933

Rectangle

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



61.3510, 24.4770, -10.8318



62.0980, 8.3327, 34.1171



56.8710, -24.5864, -0.7639



47.9810, -1.4696, -42.0793

Sweetspot

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



61.3510, 24.4770, -10.8318



125.4970, 9.6150, -3.9439



91.4360, 5.2081, -37.2164



61.8840, 5.9732, -2.5293



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



61.3510, 24.4770, -10.8318



67.2760, 38.3179, -16.9051



62.6460, 23.8385, 7.3265



51.2710, 2.3314, -1.1147



23.6590, 47.4961, -20.7489



49.2900, 97.4710, -43.2273

Inverse Universe

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



68.5640, -5.2081, 37.2164



78.5990, -8.1833, 58.2337



97.3540, -23.8385, -7.3265



51.9080, -0.4476, 3.5887



37.8180, -10.2633, 72.0736



77.9570, -20.6848, 148.2507

Previews

White Background



This preview shows how the YUV color 61.3510, 24.4770, -10.8318 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 61.3510, 24.4770, -10.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

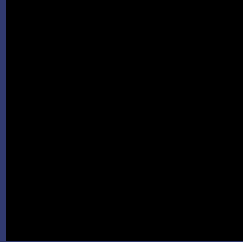
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3510, 24.4770, -10.8318

Background



This preview shows how black text looks on a background with the YUV color 61.3510, 24.4770, -10.8318.



This preview shows how white text looks on a background with the YUV color 61.3510, 24.4770,

-10.8318.

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

61.3510, 24.4770, -10.8318

Protanopia

58.8660, 26.6881, -20.0535

Deuteranopia

55.2020, 27.0154, -31.7492



Tritanopia

57.7030, 7.0484, -20.7875

Trichromacy



Original Color

61.3510, 24.4770, -10.8318

Protanomaly

59.6600, 25.8036, -16.3648

Deuteranomaly

57.3170, 25.9727, -23.9570

Tritanomaly

59.0330, 13.2947, -17.5689

Monochromacy



Original Color

61.3510, 24.4770, -10.8318

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2690, 8.7414, -3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3510, 24.4770, -10.8318 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, 58, 111)` looks like.

```
.text, #text, p{  
    color:rgb(49, 58, 111)  
}
```

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, 58, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 58, 111) }
```

Border

The CSS property to change the border of an element to YUV 61.3510, 24.4770, -10.8318 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, 58, 111) }
```


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

```
.border{ border-color:rgb(49, 58, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 58, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 58, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 58, 111);  
box-shadow:4px 4px 4px 4px rgb(49, 58,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 61.3510, 24.4770, -10.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 58, 111) }
```

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

```
.background{ background-color: rgb(49, 58,  
111) }
```

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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