

Converting Colors

YUV(61.2540, 21.5668,
-10.7468)

Have a look what the booklet for
YUV(61.2540, 21.5668, -10.7468)
contains.

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Color

**YUV(61.2540, 21.5668,
-10.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	313B69
RGB	49, 59, 105
RGB Percent	19%, 23%, 41%
CMY	0.8078, 0.7686, 0.5882
CMYK	0.53, 0.44, 0.00, 0.59
HSL	229°, 36%, 30%
HSV	229°, 53%, 41%
XYZ	5.3804, 4.8008, 14.0077
YIQ	61.2540, -20.7260, 12.1860

Conversions

Conversions Part 2

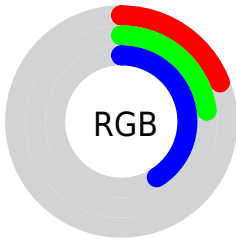
Format	Color
RYB	49, 57, 105
Decimal	3226473
CIELab	26.16, 10.26, -28.27
CIElCh	26, 30.079, 289.945
Yxy	4.8008, 0.2224, 0.1985
Android (android.graphics.Color)	4281416553 (0xFF313B69)
YUV	61.2540, 21.5668, -10.7468
Hunter-Lab	21.9108, 5.4885, -22.5669




Details

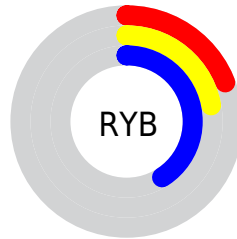
The YUV color **61.2540, 21.5668, -10.7468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.7460, -21.5668, 10.7468**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.7210, 23.3085, -9.4023**, and **16.4770, 19.9778, -14.4503** is the 20% darker color. If you saturate the color by 10%, you get **52.9810, 25.6454, -12.2613**, and if you desaturate by 10%, it is **69.5270, 17.4882, -9.2322**.

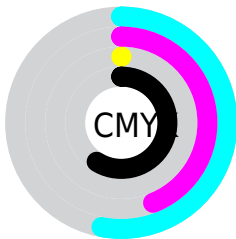
Distribution







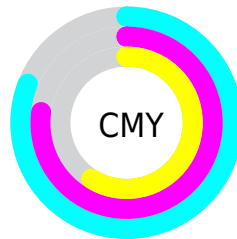
-  Red (19%)
-  Green (23%)
-  Blue (41%)






-  Red (19%)
-  Yellow (22%)
-  Blue (41%)



-  Cyan (53%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (81%)
-  Magenta (77%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2540, 21.5668, -10.7468 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 61.2540, 21.5668, -10.7468 by changing the saturation by 10% instead.

■ 61.2540, 21.5668,
-10.7468

■ 61.2540, 21.5668,
-10.7468

■ 255.0000, 0.0000,
0.0000

■ 38.4170, 20.9934,
-13.5207

■ 109.7210, 23.3085,
-9.4023

■ 16.4770, 19.9778,
-14.4503

■ 135.2480, 24.0347,
-8.9875

■ 5.1640, 14.7091,
-4.5288

■ 161.6610, 24.3241,
-8.4727

■ 1.2540, 4.8048,
-1.0998

■ 188.8890, 25.1977,
-8.6727

■ 0.0000, 0.0000,
0.0000

■ 215.4070, 19.5193,
-7.3729

■ 240.5140, 7.1416,

-3.9588

■ 61.2540, 21.5668,
-10.7468

■ 61.2540, 21.5668,
-10.7468

■ 52.9810, 25.6454,
-12.2613

■ 69.5270, 17.4882,
-9.2322

■ 44.9960, 29.5820,
-14.9055

■ 77.5120, 13.5516,
-6.5880

■ 36.4240, 33.8080,
-17.0348

■ 85.7850, 9.4730,
-5.0734

■ 28.7380, 37.5972,
-19.0642

■ 94.3570, 5.2470,
-2.9441

■ 23.1230, 40.3654,
-20.2789

■ 102.3420, 1.3104,
-0.2999

■ 110.6150, -2.7682,
1.2146

■ 118.3010, -6.5574,
3.2440

■ 126.8730,
-10.7834, 5.3734

■ 135.4450,
-15.0094, 7.5027

Harmonies

Analogous

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



51.5270, 27.3482, -45.1892



61.2540, 21.5668, -10.7468



63.7690, 13.9179, 15.9886

Triad

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



61.2540, 21.5668, -10.7468



60.5450, -16.5377, 31.0940



48.8930, 2.0248, -42.8792

Complementary

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



61.2540, 21.5668, -10.7468



92.7460, -21.5668, 10.7468

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.



54.1920, -11.4337, -19.4624



61.2540, 21.5668, -10.7468



59.8610, -22.6095, 18.5389

Square

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



61.2540, 21.5668, -10.7468



61.2220, -6.5184, 37.5163



57.8050, -21.1029, 1.9250



51.6290, 12.5079, -45.2786

Rectangle

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



61.2540, 21.5668, -10.7468



63.1250, 7.3334, 27.9544



57.8050, -21.1029, 1.9250



47.3940, -1.1802, -41.5645

Sweetspot

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



61.2540, 21.5668, -10.7468



120.8560, 8.4520, -4.2587



87.1160, 3.8868, -33.4277



58.6560, 5.0996, -2.3293



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



61.2540, 21.5668, -10.7468



68.8370, 34.0974, -16.5200



60.7660, 21.8074, 5.4672



49.2710, 2.3314, -1.1147



25.6650, 45.0282, -22.5082



53.7580, 94.2823, -47.1458

Inverse Universe

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



66.8840, -3.8868, 33.4277



78.0220, -6.4198, 52.6007



93.2340, -21.8074, -5.4672



49.9080, -0.4476, 3.5887



37.3770, -8.0739, 69.8294



78.2710, -16.8956, 146.2213

Previews

White Background



This preview shows how the YUV color 61.2540, 21.5668, -10.7468 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 61.2540, 21.5668, -10.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

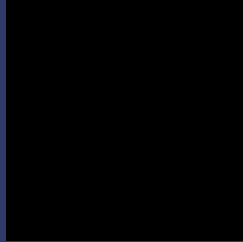
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2540, 21.5668, -10.7468

Background



This preview shows how black text looks on a background with the YUV color 61.2540, 21.5668, -10.7468.



This preview shows how white text looks on a background with the YUV color 61.2540, 21.5668, -10.7468.

-10.7468.

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

61.2540, 21.5668, -10.7468

Protanopia

59.8620, 22.7460, -15.6650

Deuteranopia

57.8180, 22.7677, -22.6424



Tritanopia

58.0130, 6.8956, -18.4284

Trichromacy



Original Color

61.2540, 21.5668, -10.7468

Protanomaly

60.7590, 22.3038, -13.8206

Deuteranomaly

59.0250, 22.1727, -18.4389

Tritanomaly

58.8160, 12.4157, -15.6246

Monochromacy



Original Color

61.2540, 21.5668, -10.7468

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2540, 21.5668, -10.7468 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, 59, 105)` looks like.

```
.text, #text, p{  
    color:rgb(49, 59, 105)  
}
```

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, 59, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 59, 105) }
```

Border

The CSS property to change the border of an element to YUV 61.2540, 21.5668, -10.7468 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, 59, 105) }
```


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

```
.border{ border-color:rgb(49, 59, 105) }
```

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

Here you see how a box with a 4 pixel rgb(49, 59, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 59, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 59, 105);  
box-shadow:4px 4px 4px 4px rgb(49, 59,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 61.2540, 21.5668, -10.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 59, 105) }
```

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

```
.background{ background-color: rgb(49, 59,  
105) }
```

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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