

Converting Colors

YUV(61.8320, 14.8728,
-10.3767)

Have a look what the booklet for
YUV(61.8320, 14.8728, -10.3767)
contains.

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Color

**YUV(61.8320, 14.8728,
-10.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	323E5C
RGB	50, 62, 92
RGB Percent	20%, 24%, 36%
CMY	0.8039, 0.7569, 0.6392
CMYK	0.46, 0.33, 0.00, 0.64
HSL	223°, 30%, 28%
HSV	223°, 46%, 36%
XYZ	4.9698, 4.8961, 10.8083
YIQ	61.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

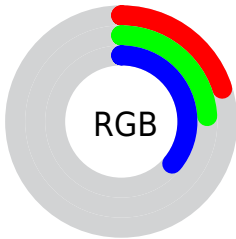
Format	Color
R_{YB}	50, 59, 92
Decimal	3292764
CIE _{Lab}	26.44, 4.05, -19.44
CIE _{LCh}	26, 19.855, 281.778
Yxy	4.8961, 0.2404, 0.2368
Android (android.graphics.Color)	4281482844 (0xFF323E5C)
YUV	61.8320, 14.8728, -10.3767
Hunter-Lab	22.1271, 1.3691, -13.4722

Details

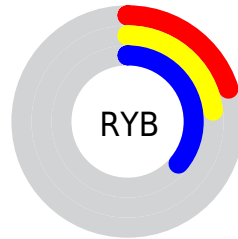
The YUV color **61.8320, 14.8728, -10.3767** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.1680, -14.8728, 10.3767**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4730, 16.0358, -10.0618**, and **17.8810, 13.8627, -13.0506** is the 20% darker color. If you saturate the color by 10%, you get **55.0320, 18.2252, -12.3061**, and if you desaturate by 10%, it is **68.6320, 11.5204, -8.4473**.

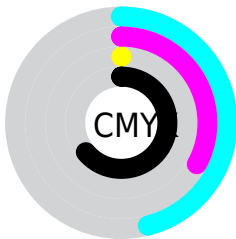
Distribution



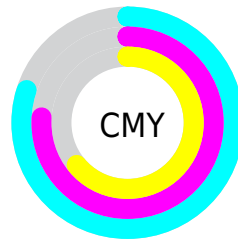
- Red (20%)
- Green (24%)
- Blue (36%)



- Red (20%)
- Yellow (23%)
- Blue (36%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8320, 14.8728, -10.3767 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 61.8320, 14.8728, -10.3767 by changing the saturation by 10% instead.

■ 61.8320, 14.8728,
-10.3767

■ 61.8320, 14.8728,
-10.3767

■ 255.0000, 0.0000,
0.0000

■ 39.3050, 14.1466,
-10.7915

■ 109.4730, 16.0358,
-10.0618

■ 17.8810, 13.8627,
-13.0506

■ 135.5870, 16.4726,
-10.1618

■ 3.4370, 10.6306,
-3.0142

■ 161.7010, 16.9094,
-10.2618

■ 0.0000, 0.0000,
0.0000

■ 188.8150, 17.3462,
-10.3618

■ 216.3420, 18.0724,
-9.9469

■ 241.9650, 6.4263,

-7.8623

■ 61.8320, 14.8728,
-10.3767

■ 61.8320, 14.8728,
-10.3767

■ 55.0320, 18.2252,
-12.3061

■ 68.6320, 11.5204,
-8.4473

■ 48.8190, 21.2882,
-14.7503

■ 74.8450, 8.4574,
-6.0031

■ 41.7200, 24.7880,
-17.2944

■ 81.9440, 4.9576,
-3.4589

■ 35.5070, 27.8510,
-19.7386

■ 88.1570, 1.8946,
-1.0147

■ 28.7070, 31.2034,
-21.6680

■ 94.9570, -1.4578,
0.9147

■ 25.7500, 32.6613,
-22.5828

■ 101.1700, -4.5208,
3.3589

■ 107.9700, -7.8732,
5.2883

■ 115.0690,
-11.3730, 7.8325

■ 121.2820,
-14.4360, 10.2767

Harmonies

Analogous

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



56.2810, 17.1165, -30.0644



61.8320, 14.8728, -10.3767



64.0900, 10.3086, 6.9371

Triad

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



61.8320, 14.8728, -10.3767



62.6240, -9.6746, 23.1318



56.1020, -1.5293, -22.8915

Complementary

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



61.8320, 14.8728, -10.3767



80.1680, -14.8728, 10.3767

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.



59.3120, -10.0138, -8.1666



61.8320, 14.8728, -10.3767



61.8420, -13.7261, 15.9246

Square

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



61.8320, 14.8728, -10.3767



63.9430, -3.4229, 24.6060



60.9500, -14.2723, 4.4289



50.6250, 8.5659, -40.8901

Rectangle

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



61.8320, 14.8728, -10.3767



64.4070, 6.2083, 15.4291



60.9500, -14.2723, 4.4289



57.0380, -4.4557, -17.5733

Sweetspot

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



61.8320, 14.8728, -10.3767



107.8730, 5.9786, -4.2736



77.9600, 0.5127, -24.5209



53.9010, 3.4998, -2.5442



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.



61.8320, 14.8728, -10.3767



72.6770, 23.3302, -16.3797



57.1800, 17.1663, 0.7191



42.7440, 1.6052, -1.5295



30.7370, 39.0767, -26.9563



66.9340, 83.8425, -58.7011

Inverse Universe

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



63.9260, -0.9495, 24.6209



75.9000, -1.4297, 38.6757



84.8200, -17.1663, -0.7191



42.7230, 0.1366, 2.8739



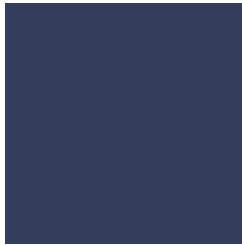
36.4240, -2.6740, 64.5262



78.6150, -5.2332, 138.9036

Previews

White Background



This preview shows how the YUV color 61.8320, 14.8728, -10.3767 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 61.8320, 14.8728, -10.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

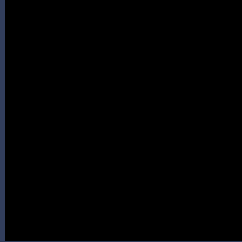
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8320, 14.8728, -10.3767

Background



This preview shows how black text looks on a background with the YUV color 61.8320, 14.8728, -10.3767.



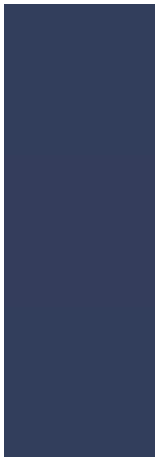
This preview shows how white text looks on a background with the YUV color 61.8320, 14.8728, -10.3767.

-10.3767.

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

61.8320, 14.8728, -10.3767

Protanopia

61.8430, 14.8674, -8.6323

Deuteranopia

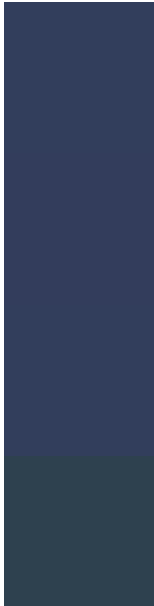
61.8320, 14.8728, -10.3767



Tritanopia

59.9920, 5.4269, -14.0250

Trichromacy



Original Color

61.8320, 14.8728, -10.3767

Protanomaly

61.5440, 15.0148, -9.2471

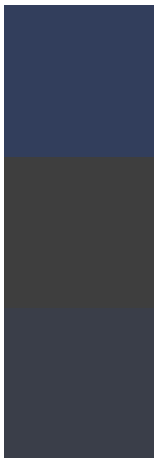
Deuteranomaly

61.8320, 14.8728, -10.3767

Tritanomaly

60.9150, 8.9159, -13.0805

Monochromacy



Original Color

61.8320, 14.8728, -10.3767

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8320, 14.8728, -10.3767 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(50, 62, 92)` looks like.

```
.text, #text, p{  
    color:rgb(50, 62, 92)  
}
```

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(50, 62, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 62, 92) }
```

Border

The CSS property to change the border of an element to YUV 61.8320, 14.8728, -10.3767 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(50, 62, 92) }
```


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

```
.border{ border-color:rgb(50, 62, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 62, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 62, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 62, 92);  
box-shadow:4px 4px 4px 4px rgb(50, 62, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8320, 14.8728, -10.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 62, 92) }
```

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

```
.background{ background-color: rgb(50, 62,  
92) }
```

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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