

Converting Colors

YUV(61.7440, 11.4652,
-37.4865)

Have a look what the booklet for
YUV(61.7440, 11.4652, -37.4865)
contains.

YUV(61.7440, 11.4652, -37.4865)	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(61.7440, 11.4652,
-37.4865)**

Conversions

Conversions Part 1

Format	Color
Hex	134F55
RGB	19, 79, 85
RGB Percent	7%, 31%, 33%
CMY	0.9255, 0.6902, 0.6667
CMYK	0.78, 0.07, 0.00, 0.67
HSL	185°, 63%, 20%
HSV	185°, 78%, 33%
XYZ	4.7042, 6.3863, 9.5791
YIQ	61.7440, -37.6860, -10.8540

Conversions

Conversions Part 2

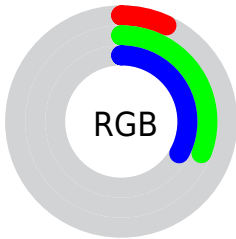
Format	Color
R_{YB}	19, 50, 85
Decimal	1265493
CIE _{Lab}	30.37, -16.28, -9.01
CIE _{LCh}	30, 18.605, 208.958
Yxy	6.3863, 0.2276, 0.3090
Android (android.graphics.Color)	4279455573 (0xFF134F55)
YUV	61.7440, 11.4652, -37.4865
Hunter-Lab	25.2711, -10.9965, -4.7842

Details

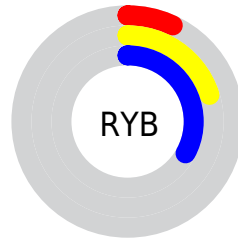
The YUV color **61.7440, 11.4652, -37.4865** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.2560, -11.4652, 37.4865**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6520, 11.0176, -33.8978**, and **24.5180, 7.6326, -21.5023** is the 20% darker color. If you saturate the color by 10%, you get **58.4660, 13.0813, -42.5047**, and if you desaturate by 10%, it is **65.0220, 9.8492, -32.4683**.

Distribution



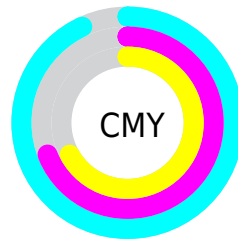
- Red (7%)
- Green (31%)
- Blue (33%)



- Red (7%)
- Yellow (20%)
- Blue (33%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7440, 11.4652, -37.4865 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 61.7440, 11.4652, -37.4865 by changing the saturation by 10% instead.

■ 61.7440, 11.4652,
-37.4865

■ 61.7440, 11.4652,
-37.4865

■ 255.0000, 0.0000,
0.0000

■ 39.9400, 10.8756,
-35.0274

■ 112.6520, 11.0176,
-33.8978

■ 24.5180, 7.6326,
-21.5023

■ 138.6520, 11.0176,
-33.8978

■ 4.0410, 7.8678,
-3.5440

■ 165.3530, 11.1650,
-34.5126

■ 0.0000, 0.0000,
0.0000

■ 192.9400, 10.8756,
-35.0274

■ 221.0540, 11.3124,
-35.1274

■ 241.2460, 6.7807,

-28.2797

249.9170, 2.5059,
-10.4512

61.7440, 11.4652,
-37.4865

61.7440, 11.4652,
-37.4865

58.4660, 13.0813,
-42.5047

65.0220, 9.8492,
-32.4683

55.4870, 14.5499,
-46.9081

68.0010, 8.3805,
-28.0649

54.8890, 14.8447,
-48.1377

70.6920, 7.0538,
-22.5319

73.6710, 5.5852,
-18.1285

76.6500, 4.1166,
-13.7250

■ 79.9280, 2.5005,
-8.7069

■ 82.3200, 1.3212,
-3.7886

■ 85.5980, -0.2948,
1.2296

■ 88.5770, -1.7635,
5.6330

Harmonies

Analogous

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



63.9210, 2.9969, -27.9947



61.7440, 11.4652, -37.4865



64.5150, 15.5221, -32.0237

Triad

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



61.7440, 11.4652, -37.4865



73.5100, 6.6506, 13.5847



70.3960, -13.9992, 10.1767

Complementary

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



61.7440, 11.4652, -37.4865



42.2560, -11.4652, 37.4865

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.



71.3200, -11.9898, 19.0134



61.7440, 11.4652, -37.4865



73.1430, -0.0705, 22.6766

Square

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



61.7440, 11.4652, -37.4865



72.8010, 11.9301, 0.1745



72.9060, -7.3487, 23.7614



69.3020, -11.4879, -2.0189

Rectangle

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



61.7440, 11.4652, -37.4865



68.2820, 15.6370, -22.1723



72.9060, -7.3487, 23.7614



71.1190, -13.8627, 13.0506

Sweetspot

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



61.7440, 11.4652, -37.4865



100.4650, 4.7008, -14.4398



58.3120, -16.9158, -34.4766



50.6290, 2.6479, -9.3216



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



61.7440, 11.4652, -37.4865



73.6320, 17.9294, -57.5593



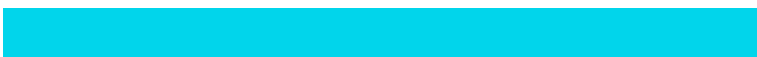
42.9600, 20.7257, -21.0129



41.8040, 0.5896, -2.4591



69.1370, 18.6665, -60.6331



151.8210, 41.0072, -133.1470

Inverse Universe

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



45.5740, 16.4790, 34.5766



48.9860, 25.1499, 53.5093



61.0400, -20.7257, 21.0129



40.6520, 1.1576, 2.0592



43.0510, 26.5969, 56.0833



94.5470, 58.3973, 123.1773

Previews

White Background



This preview shows how the YUV color 61.7440, 11.4652, -37.4865 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 61.7440, 11.4652, -37.4865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

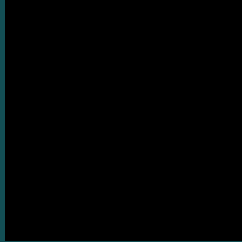
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7440, 11.4652, -37.4865

Background



This preview shows how black text looks on a background with the YUV color 61.7440, 11.4652, -37.4865.



This preview shows how white text looks on a background with the YUV color 61.7440, 11.4652,

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

61.7440, 11.4652, -37.4865

Protanopia

71.7270, 4.0786, -1.5146

Deuteranopia

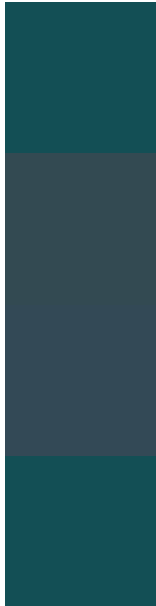
71.9380, 7.4256, -1.6996



Tritanopia

61.7440, 11.4652, -37.4865

Trichromacy



Original Color

61.7440, 11.4652, -37.4865

Protanomaly

68.0350, 6.8847, -14.9397

Deuteranomaly

67.9040, 8.9213, -14.8248

Tritanomaly

61.7440, 11.4652, -37.4865

Monochromacy



Original Color

61.7440, 11.4652, -37.4865

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6500, 4.1166, -13.7250

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7440, 11.4652, -37.4865 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(19, 79, 85)` looks like.

```
.text, #text, p{  
    color:rgb(19, 79, 85)  
}
```

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(19, 79, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 79, 85) }
```

Border

The CSS property to change the border of an element to YUV 61.7440, 11.4652, -37.4865 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(19, 79, 85) }
```


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

```
.border{ border-color:rgb(19, 79, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 79, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 79, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 79, 85);  
box-shadow:4px 4px 4px 4px rgb(19, 79, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7440, 11.4652, -37.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 79, 85) }
```

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

```
.background{ background-color: rgb(19, 79,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor