

Converting Colors

YUV(63.7100, 16.4120,
-37.4567)

Have a look what the booklet for
YUV(63.7100, 16.4120, -37.4567)
contains.

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Color

**YUV(63.7100, 16.4120,
-37.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	154F61
RGB	21, 79, 97
RGB Percent	8%, 31%, 38%
CMY	0.9176, 0.6902, 0.6196
CMYK	0.78, 0.19, 0.00, 0.62
HSL	194°, 64%, 23%
HSV	194°, 78%, 38%
XYZ	5.2629, 6.6145, 12.3086
YIQ	63.7100, -40.3460, -6.6980

Conversions

Conversions Part 2

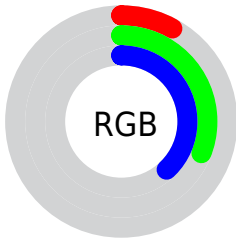
Format	Color
R_{YB}	21, 54, 97
Decimal	1396577
CIE _{Lab}	30.91, -11.63, -15.82
CIE _{LCh}	31, 19.638, 233.669
Yxy	6.6145, 0.2176, 0.2735
Android (android.graphics.Color)	4279586657 (0xFF154F61)
YUV	63.7100, 16.4120, -37.4567
Hunter-Lab	25.7186, -8.4803, -10.3724

Details

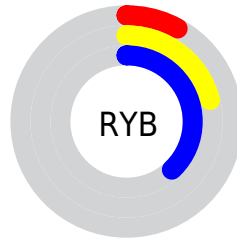
The YUV color **63.7100, 16.4120, -37.4567** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.2900, -16.4120, 37.4567**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.0310, 16.2537, -33.3532**, and **26.3590, 12.1480, -23.1168** is the 20% darker color. If you saturate the color by 10%, you get **59.5460, 18.4648, -42.5748**, and if you desaturate by 10%, it is **67.8740, 14.3591, -32.3385**.

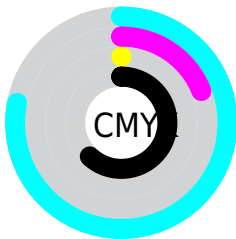
Distribution



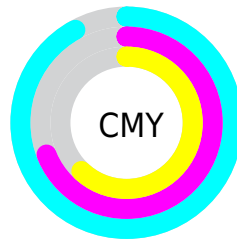
- Red (8%)
- Green (31%)
- Blue (38%)



- Red (8%)
- Yellow (21%)
- Blue (38%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7100, 16.4120, -37.4567 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 63.7100, 16.4120, -37.4567 by changing the saturation by 10% instead.

63.7100, 16.4120,
-37.4567

63.7100, 16.4120,
-37.4567

255.0000, 0.0000,
0.0000

41.1940, 15.6804,
-36.1271

115.0310, 16.2537,
-33.3532

26.3590, 12.1480,
-23.1168

141.0310, 16.2537,
-33.3532

8.1160, 10.7888,
-7.1177

168.1450, 16.6905,
-33.4532

0.0000, 0.0000,
0.0000

195.8460, 16.8379,
-34.0679

223.5040, 15.5275,
-33.7680

242.7410, 6.0437,

-25.2059

251.1130, 1.9163,
-7.9921

63.7100, 16.4120,
-37.4567

63.7100, 16.4120,
-37.4567

59.5460, 18.4648,
-42.5748

67.8740, 14.3591,
-32.3385

55.0940, 20.6597,
-46.5634

72.3260, 12.1643,
-28.3499

54.4960, 20.9545,
-47.7930

76.4900, 10.1114,
-23.2317

80.6540, 8.0586,
-18.1136

84.5190, 6.1531,
-13.6102

■ 89.2700, 3.8109,
-9.0068

■ 93.4340, 1.7580,
-3.8886

■ 97.5980, -0.2948,
1.2296

■ 102.0500, -2.4896,
5.2182

Harmonies

Analogous

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



61.7220, 11.4761, -40.9752



63.7100, 16.4120, -37.4567



69.5210, 16.5051, -20.6279

Triad

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



63.7100, 16.4120, -37.4567



74.4850, 1.2399, 22.3767



70.8570, -13.2405, 0.1254

Complementary

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



63.7100, 16.4120, -37.4567



54.2900, -16.4120, 37.4567

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.



72.1790, -14.8782, 12.1210



63.7100, 16.4120, -37.4567



74.1450, -6.4805, 25.3058

Square

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



63.7100, 16.4120, -37.4567



75.1400, 7.8190, 12.1552



72.7440, -11.7058, 21.2725



68.3760, -7.0874, -13.4848

Rectangle

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



63.7100, 16.4120, -37.4567



72.4300, 14.5780, -9.1471



72.7440, -11.7058, 21.2725



71.0640, -13.8356, 4.3289

Sweetspot

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



63.7100, 16.4120, -37.4567



111.9210, 6.4479, -14.8397



67.6640, -14.1314, -40.9243



55.3840, 4.2477, -9.1068



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.



63.7100, 16.4120, -37.4567



73.2820, 25.4970, -58.1293



41.4040, 27.4088, -17.8943



46.2170, 0.8790, -1.9443



63.2500, 24.0338, -55.4703



134.7810, 51.8730, -118.2029

Inverse Universe

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



50.3360, 14.1314, 40.9243



52.5420, 21.9178, 63.5457



76.5960, -27.4088, 17.8943



45.5380, 0.7208, 2.1592



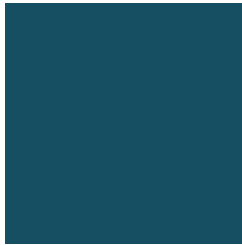
43.2920, 21.0550, 60.2569



92.6220, 44.5564, 129.2505

Previews

White Background



This preview shows how the YUV color 63.7100, 16.4120, -37.4567 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 63.7100, 16.4120, -37.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

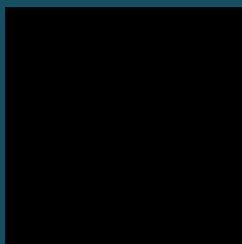
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

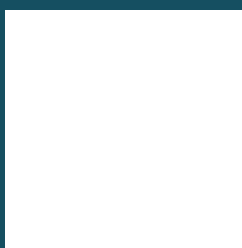
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.7100, 16.4120, -37.4567

Background



This preview shows how black text looks on a background with the YUV color 63.7100, 16.4120, -37.4567.



This preview shows how white text looks on a background with the YUV color 63.7100, 16.4120,

-37.4567.

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

63.7100, 16.4120, -37.4567

Protanopia

73.0840, 9.3256, -4.4587

Deuteranopia

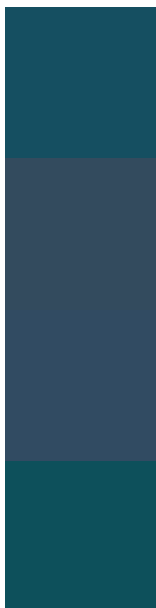
72.9850, 12.8254, -7.0028



Tritanopia

59.8570, 13.3815, -45.4786

Trichromacy



Original Color

63.7100, 16.4120, -37.4567

Protanomaly

69.9900, 11.8369, -16.6542

Deuteranomaly

69.8480, 13.8789, -18.2837

Tritanomaly

61.2210, 14.6810, -42.2898

Monochromacy



Original Color

63.7100, 16.4120, -37.4567

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.5190, 6.1531, -13.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7100, 16.4120, -37.4567 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(21, 79, 97)` looks like.

```
.text, #text, p{  
    color:rgb(21, 79, 97)  
}
```

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(21, 79, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 79, 97) }
```

Border

The CSS property to change the border of an element to YUV 63.7100, 16.4120, -37.4567 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(21, 79, 97) }
```


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

```
.border{ border-color:rgb(21, 79, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 79, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 79, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 79, 97);  
box-shadow:4px 4px 4px 4px rgb(21, 79, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7100, 16.4120, -37.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 79, 97) }
```

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

```
.background{ background-color: rgb(21, 79,  
97) }
```

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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