

Converting Colors

YUV(63.4450, 11.6126,
-38.1013)

Have a look what the booklet for
YUV(63.4450, 11.6126, -38.1013)
contains.

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Color

**YUV(63.4450, 11.6126,
-38.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	145157
RGB	20, 81, 87
RGB Percent	8%, 32%, 34%
CMY	0.9216, 0.6824, 0.6588
CMYK	0.77, 0.07, 0.00, 0.66
HSL	185°, 63%, 21%
HSV	185°, 77%, 34%
XYZ	4.9512, 6.7217, 10.0533
YIQ	63.4450, -38.2820, -11.0660

Conversions

Conversions Part 2

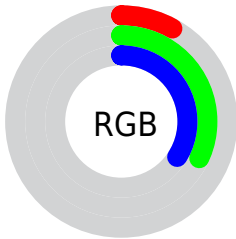
Format	Color
R_{YB}	20, 52, 87
Decimal	1331543
CIE Lab	31.16, -16.56, -9.08
CIE LCh	31, 18.885, 208.727
Yxy	6.7217, 0.2279, 0.3094
Android (android.graphics.Color)	4279521623 (0xFF145157)
YUV	63.4450, 11.6126, -38.1013
Hunter-Lab	25.9262, -11.2822, -4.8422

Details

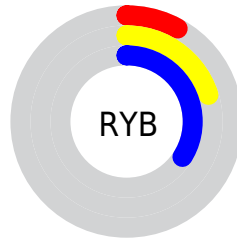
The YUV color **63.4450, 11.6126, -38.1013** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43.5550, -11.6126, 38.1013**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9400, 10.8756, -35.0274**, and **25.9200, 7.9274, -22.7318** is the 20% darker color. If you saturate the color by 10%, you get **60.1670, 13.2287, -43.1195**, and if you desaturate by 10%, it is **66.7230, 9.9966, -33.0831**.

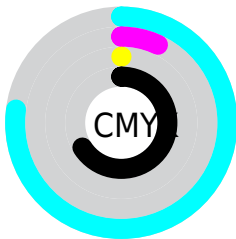
Distribution



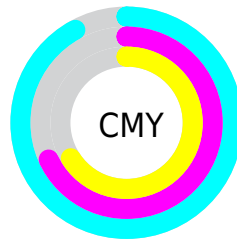
- Red (8%)
- Green (32%)
- Blue (34%)



- Red (8%)
- Yellow (20%)
- Blue (34%)



- Cyan (77%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (92%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4450, 11.6126, -38.1013 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 63.4450, 11.6126, -38.1013 by changing the saturation by 10% instead.

63.4450, 11.6126,
-38.1013

63.4450, 11.6126,
-38.1013

255.0000, 0.0000,
0.0000

41.3420, 11.1704,
-36.2569

114.9400, 10.8756,
-35.0274

25.9200, 7.9274,
-22.7318

140.9400, 10.8756,
-35.0274

7.7910, 7.0050,
-6.8327

167.9400, 10.8756,
-35.0274

0.0000, 0.0000,
0.0000

195.0540, 11.3124,
-35.1274

223.3420, 11.1704,
-36.2569

241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

63.4450, 11.6126,
-38.1013

63.4450, 11.6126,
-38.1013

60.1670, 13.2287,
-43.1195

66.7230, 9.9966,
-33.0831

57.1880, 14.6973,
-47.5229

69.7020, 8.5279,
-28.6797

56.2910, 15.1395,
-49.3672

72.3930, 7.2013,
-23.1467

75.6710, 5.5852,
-18.1285

78.6500, 4.1165,
-13.7251

■ 81.9280, 2.5005,
-8.7069

■ 84.6190, 1.1738,
-3.1739

■ 87.8970, -0.4422,
1.8443

■ 90.8760, -1.9109,
6.2477

Harmonies

Analogous

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



65.6220, 3.1444, -28.6095



63.4450, 11.6126, -38.1013



66.2160, 15.6695, -32.6384

Triad

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



63.4450, 11.6126, -38.1013



75.5100, 6.6506, 13.5847



72.3960, -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.



63.4450, 11.6126, -38.1013



43.5550, -11.6126, 38.1013

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.



73.6190, -12.1372, 19.6281



63.4450, 11.6126, -38.1013



75.1430, -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.



63.4450, 11.6126, -38.1013



74.5020, 12.0775, -0.4403



74.3190, -7.0593, 24.2762



71.1880, -11.9247, -1.9189

Rectangle

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



63.4450, 11.6126, -38.1013



69.3960, 16.0738, -22.2723



74.3190, -7.0593, 24.2762



73.0050, -14.2995, 13.1506

Sweetspot

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



63.4450, 11.6126, -38.1013



103.0520, 4.4114, -14.9546



60.0130, -16.7684, -35.0914



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.



63.4450, 11.6126, -38.1013



75.9200, 17.7874, -58.6888



44.0740, 21.1625, -21.1129



41.8040, 0.5896, -2.4591



69.7240, 18.3771, -61.1479



152.4080, 40.7179, -133.6618

Inverse Universe

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



46.9870, 16.7684, 35.0914



50.5130, 25.8761, 53.9241



62.9260, -21.1625, 21.1129



40.6520, 1.1576, 2.0592



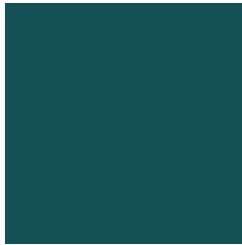
43.1650, 27.0337, 55.9833



94.6610, 58.8341, 123.0773

Previews

White Background



This preview shows how the YUV color 63.4450, 11.6126, -38.1013 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 63.4450, 11.6126, -38.1013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

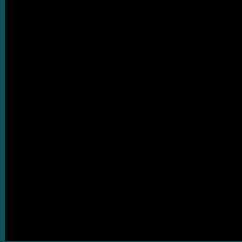
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4450, 11.6126, -38.1013

Background



This preview shows how black text looks on a background with the YUV color 63.4450, 11.6126, -38.1013.



This preview shows how white text looks on a background with the YUV color 63.4450, 11.6126,

-38.1013.

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

63.4450, 11.6126, -38.1013

Protanopia

73.7270, 4.0786, -1.5146

Deuteranopia

73.9380, 7.4256, -1.6996



Tritanopia

63.4450, 11.6126, -38.1013

Trichromacy



Original Color

63.4450, 11.6126, -38.1013

Protanomaly

70.0350, 6.8847, -14.9397

Deuteranomaly

69.9040, 8.9213, -14.8248

Tritanomaly

63.4450, 11.6126, -38.1013

Monochromacy



Original Color

63.4450, 11.6126, -38.1013

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3510, 4.2640, -14.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4450, 11.6126, -38.1013 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(20, 81, 87)` looks like.

```
.text, #text, p{  
    color:rgb(20, 81, 87)  
}
```

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(20, 81, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 81, 87) }
```

Border

The CSS property to change the border of an element to YUV 63.4450, 11.6126, -38.1013 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(20, 81, 87) }
```


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

```
.border{ border-color:rgb(20, 81, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 81, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 81, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 81, 87);  
box-shadow:4px 4px 4px 4px rgb(20, 81, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.4450, 11.6126, -38.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 81, 87) }
```

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

```
.background{ background-color: rgb(20, 81,  
87) }
```

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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