

Converting Colors

YUV(63.4250, 5.2135, -38.9607)

Have a look what the booklet for
YUV(63.4250, 5.2135, -38.9607)
contains.

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Color

**YUV(63.4250, 5.2135,
-38.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	13544A
RGB	19, 84, 74
RGB Percent	7%, 33%, 29%
CMY	0.9255, 0.6706, 0.7098
CMYK	0.77, 0.00, 0.12, 0.67
HSL	171°, 63%, 20%
HSV	171°, 77%, 33%
XYZ	4.6749, 6.9735, 7.5782
YIQ	63.4250, -35.5300, -16.8900

Conversions

Conversions Part 2

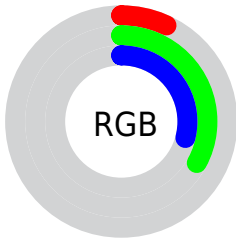
Format	Color
R_YB	19, 54, 84
Decimal	1266762
CIE Lab	31.75, -22.61, 0.05
CIE LCh	32, 22.608, 179.865
Yxy	6.9735, 0.2431, 0.3627
Android (android.graphics.Color)	4279456842 (0xFF13544A)
YUV	63.4250, 5.2135, -38.9607
Hunter-Lab	26.4074, -14.6130, 1.4706

Details

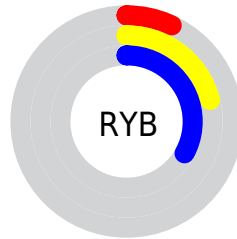
The YUV color **63.4250, 5.2135, -38.9607** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.5750, -5.2135, 38.9607**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8060, 4.0396, -35.7869**, and **25.7260, 2.1071, -22.5617** is the 20% darker color. If you saturate the color by 10%, you get **60.9190, 5.9559, -43.7790**, and if you desaturate by 10%, it is **65.9310, 4.4710, -34.1425**.

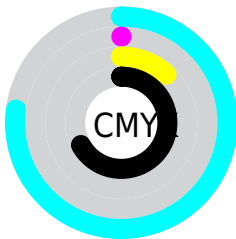
Distribution



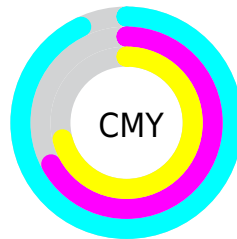
- Red (7%)
- Green (33%)
- Blue (29%)



- Red (7%)
- Yellow (21%)
- Blue (33%)



- Cyan (77%)
- Magenta (0%)
- Yellow (12%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4250, 5.2135, -38.9607 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 63.4250, 5.2135, -38.9607 by changing the saturation by 10% instead.

63.4250, 5.2135,
-38.9607

63.4250, 5.2135,
-38.9607

255.0000, 0.0000,
0.0000

41.6210, 4.6238,
-36.5016

114.8060, 4.0396,
-35.7869

25.7260, 2.1071,
-22.5617

140.3930, 3.7503,
-36.3017

7.7280, -0.8519,
-6.7775

167.9800, 3.4609,
-36.8165

0.0000, 0.0000,
0.0000

194.9800, 3.4609,
-36.8165

223.2680, 3.3189,
-37.9460

241.2460, 6.7807,

-28.2797

249.6180, 2.6533,
-11.0660

63.4250, 5.2135,
-38.9607

63.4250, 5.2135,
-38.9607

60.9190, 5.9559,
-43.7790

65.9310, 4.4710,
-34.1425

58.0000, 6.4090,
-49.1120

68.8500, 4.0179,
-28.8095

57.4020, 6.7038,
-50.3416

71.3560, 3.2755,
-23.9912

74.1610, 2.3856,
-18.5582

76.6670, 1.6432,
-13.7400

■ 79.2870, 1.3375,
-9.0217

■ 82.0920, 0.4476,
-3.5887

■ 84.5980, -0.2948,
1.2296

■ 87.5170, -0.7479,
6.5626

Harmonies

Analogous

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



68.2720, -6.0501, -19.5325



63.4250, 5.2135, -38.9607



59.7960, 15.8766, -52.4411

Triad

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



63.4250, 5.2135, -38.9607



75.7840, 14.4035, 0.1894



74.2450, -14.9108, 22.5871

Complementary

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



63.4250, 5.2135, -38.9607



39.5750, -5.2135, 38.9607

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.



75.2980, -8.5279, 28.6797



63.4250, 5.2135, -38.9607



77.1730, 7.8027, 17.3883

Square

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



63.4250, 5.2135, -38.9607



71.5040, 18.9785, -20.6130



76.6490, -0.8130, 27.4948



73.5980, -17.0568, 10.8766

Rectangle

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



63.4250, 5.2135, -38.9607



59.6480, 20.3865, -52.3113



76.6490, -0.8130, 27.4948



74.7230, -13.1744, 25.6759

Sweetspot

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



63.4250, 5.2135, -38.9607



101.7700, 2.0854, -15.5843



60.4440, -20.4319, -26.6994



50.9880, 1.4849, -9.6365



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.



63.4250, 5.2135, -38.9607



77.6780, 8.0467, -61.1076



51.6510, 15.9481, -28.6349



39.6900, 0.1528, -2.3591



71.6670, 8.0522, -62.8520



158.5280, 18.4737, -139.0291

Inverse Universe

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



39.5750, -5.2135, 38.9607



40.2080, -8.4835, 61.2076



51.3490, -15.9481, 28.6349



38.1960, -0.5896, 2.4591



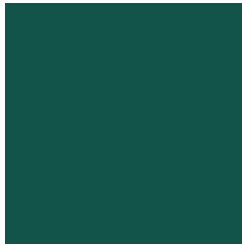
33.2190, -8.4890, 62.9519



73.4720, -18.4737, 139.0291

Previews

White Background



This preview shows how the YUV color 63.4250, 5.2135, -38.9607 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 63.4250, 5.2135, -38.9607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

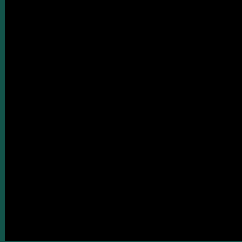
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4250, 5.2135, -38.9607

Background



This preview shows how black text looks on a background with the YUV color 63.4250, 5.2135, -38.9607.



This preview shows how white text looks on a background with the YUV color 63.4250, 5.2135, -38.9607.

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

63.4250, 5.2135, -38.9607

Protanopia

74.3270, -2.6262, 2.3442

Deuteranopia

75.2610, 0.8573, 5.0331



Tritanopia

66.6520, 11.0176, -33.8978

Trichromacy



Original Color

63.4250, 5.2135, -38.9607

Protanomaly

70.6240, 0.1854, -12.8252

Deuteranomaly

70.6180, 2.6533, -11.0660

Tritanomaly

65.7720, 8.9864, -35.7570

Monochromacy



Original Color

63.4250, 5.2135, -38.9607

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3680, 1.7906, -14.3547

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4250, 5.2135, -38.9607 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, 84, 74)` looks like.

```
.text, #text, p{  
    color:rgb(19, 84, 74)  
}
```

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, 84, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 84, 74) }
```

Border

The CSS property to change the border of an element to YUV 63.4250, 5.2135, -38.9607 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, 84, 74) }
```


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

```
.border{ border-color:rgb(19, 84, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 84, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 84, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 84, 74);  
box-shadow:4px 4px 4px 4px rgb(19, 84, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.4250, 5.2135, -38.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 84, 74) }
```

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

```
.background{ background-color: rgb(19, 84,  
74) }
```

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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