

Converting Colors

YUV(64.5760, 9.5760, -38.2162)

Have a look what the booklet for
YUV(64.5760, 9.5760, -38.2162)
contains.

YUV(64.5760, 9.5760, -38.2162)	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(64.5760, 9.5760,
-38.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	155354
RGB	21, 83, 84
RGB Percent	8%, 33%, 33%
CMY	0.9176, 0.6745, 0.6706
CMYK	0.75, 0.01, 0.00, 0.67
HSL	181°, 60%, 21%
HSV	181°, 75%, 33%
XYZ	5.0027, 6.9860, 9.4723
YIQ	64.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

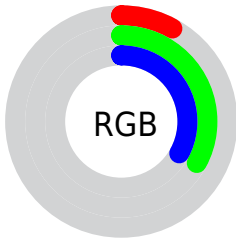
Format	Color
R_{YB}	21, 52, 84
Decimal	1397588
CIE _{Lab}	31.78, -18.55, -6.25
CIE _{LCh}	32, 19.570, 198.620
Yxy	6.9860, 0.2331, 0.3255
Android (android.graphics.Color)	4279587668 (0xFF155354)
YUV	64.5760, 9.5760, -38.2162
Hunter-Lab	26.4311, -12.4688, -2.7463

Details

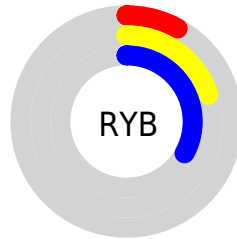
The YUV color **64.5760, 9.5760, -38.2162** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40.4240, -9.5760, 38.2162**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9570, 8.4022, -35.0423**, and **26.7520, 6.0383, -23.4615** is the 20% darker color. If you saturate the color by 10%, you get **62.1840, 10.7553, -43.1344**, and if you desaturate by 10%, it is **66.9680, 8.3968, -33.2979**.

Distribution



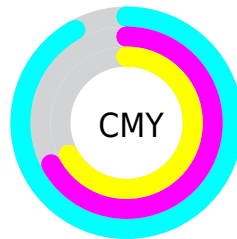
- Red (8%)
- Green (33%)
- Blue (33%)



- Red (8%)
- Yellow (20%)
- Blue (33%)



- Cyan (75%)
- Magenta (1%)
- Yellow (0%)
- Black (67%)



- Cyan (92%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5760, 9.5760, -38.2162 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 64.5760, 9.5760, -38.2162 by changing the saturation by 10% instead.

64.5760, 9.5760,
-38.2162

64.5760, 9.5760,
-38.2162

255.0000, 0.0000,
0.0000

42.1740, 9.2812,
-36.9866

115.9570, 8.4022,
-35.0423

26.7520, 6.0383,
-23.4615

142.0710, 8.8390,
-35.1423

9.7970, 4.5371,
-8.5920

168.7720, 8.9864,
-35.7570

0.0000, 0.0000,
0.0000

196.3590, 8.6970,
-36.2718

224.4730, 9.1338,
-36.3718

241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

64.5760, 9.5760,
-38.2162

64.5760, 9.5760,
-38.2162

62.1840, 10.7553,
-43.1344

66.9680, 8.3968,
-33.2979

59.4930, 12.0820,
-48.6674

69.6590, 7.0701,
-27.7649

58.2970, 12.6716,
-51.1265

72.0510, 5.8909,
-22.8467

75.3290, 4.2748,
-17.8285

77.7210, 3.0955,
-12.9103

■ 80.1130, 1.9163,
-7.9921

■ 82.8040, 0.5896,
-2.4591

■ 85.1960, -0.5896,
2.4591

■ 87.8870, -1.9163,
7.9921

Harmonies

Analogous

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



68.1340, -0.0661, -25.5505



64.5760, 9.5760, -38.2162



64.8840, 15.8332, -38.4863

Triad

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



64.5760, 9.5760, -38.2162



76.4710, 9.1348, 10.1109



74.3040, -14.4469, 13.7654

Complementary

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



64.5760, 9.5760, -38.2162



40.4240, -9.5760, 38.2162

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.



75.4560, -11.5638, 22.4021



64.5760, 9.5760, -38.2162



77.0010, 1.9715, 21.0471

Square

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



64.5760, 9.5760, -38.2162



75.0390, 14.2778, -6.1732



75.9000, -4.8807, 25.5207



72.7540, -13.6827, 1.9697

Rectangle

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



64.5760, 9.5760, -38.2162



68.5800, 16.9691, -29.4497



75.9000, -4.8807, 25.5207



74.4400, -14.0209, 17.1541

Sweetspot

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



64.5760, 9.5760, -38.2162



101.6390, 4.1220, -15.4694



57.9810, -18.2316, -32.4323



51.2160, 2.3585, -9.8364



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.



64.5760, 9.5760, -38.2162



79.2250, 15.1721, -59.8333



46.3790, 18.5472, -22.2574



39.8040, 0.5896, -2.4591



72.4310, 16.0565, -63.5220



160.2840, 35.3560, -140.5691

Inverse Universe

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



46.9050, 17.7948, 32.5323



51.6590, 27.7761, 51.1651



58.0340, -18.2578, 22.7722



38.6520, 1.1576, 2.0592



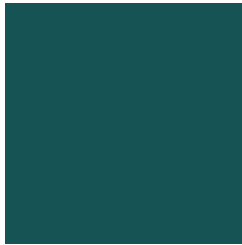
43.1370, 29.5125, 54.2539



95.3600, 65.3915, 119.8333

Previews

White Background



This preview shows how the YUV color 64.5760, 9.5760, -38.2162 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 64.5760, 9.5760, -38.2162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

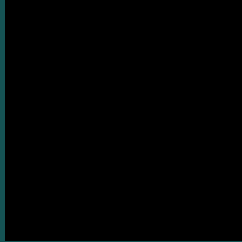
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5760, 9.5760, -38.2162

Background



This preview shows how black text looks on a background with the YUV color 64.5760, 9.5760, -38.2162.



This preview shows how white text looks on a background with the YUV color 64.5760, 9.5760, -38.2162.

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

64.5760, 9.5760, -38.2162

Protanopia

74.8690, 2.0366, 0.1149

Deuteranopia

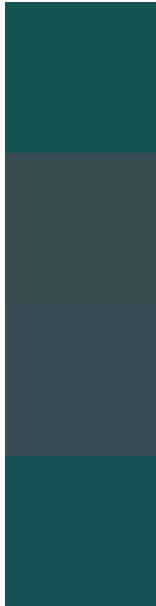
75.3790, 5.2362, 0.5446



Tritanopia

65.7550, 11.4598, -35.7421

Trichromacy



Original Color

64.5760, 9.5760, -38.2162

Protanomaly

70.8780, 4.9901, -13.9250

Deuteranomaly

71.6330, 6.5899, -13.7101

Tritanomaly

65.2280, 10.7336, -36.1570

Monochromacy



Original Color

64.5760, 9.5760, -38.2162

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5760, 9.5760, -38.2162 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, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(21, 83, 84)  
}
```

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, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 83, 84) }
```

Border

The CSS property to change the border of an element to YUV 64.5760, 9.5760, -38.2162 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, 83, 84) }
```


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

```
.border{ border-color:rgb(21, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(21, 83, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.5760, 9.5760, -38.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 83, 84) }
```

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

```
.background{ background-color: rgb(21, 83,  
84) }
```

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