

Converting Colors

YUV(128.0750, 5.8790,
-65.8408)

Have a look what the booklet for
YUV(128.0750, 5.8790, -65.8408)
contains.

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Color

**YUV(128.0750, 5.8790,
-65.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	35A48C
RGB	53, 164, 140
RGB Percent	21%, 64%, 55%
CMY	0.7922, 0.3569, 0.4510
CMYK	0.68, 0.00, 0.15, 0.36
HSL	167°, 51%, 43%
HSV	167°, 68%, 64%
XYZ	19.4773, 29.2013, 29.4208
YIQ	128.0750, -58.4520, -30.9960

Conversions

Conversions Part 2

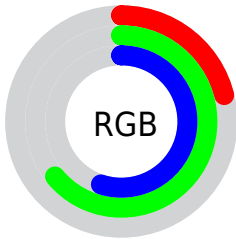
Format	Color
RYB	53, 115, 164
Decimal	3515532
CIELab	60.96, -36.94, 3.39
CIELCh	61, 37.093, 174.758
Yxy	29.2013, 0.2494, 0.3739
Android (android.graphics.Color)	4281705612 (0xFF35A48C)
YUV	128.0750, 5.8790, -65.8408
Hunter-Lab	54.0382, -30.2291, 5.5466

Details

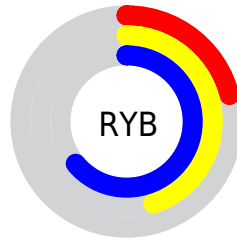
The YUV color **128.0750, 5.8790, -65.8408** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **88.9250, -5.8790, 65.8408**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2280, 3.8316, -62.4670**, and **75.4170, 7.1894, -66.1407** is the 20% darker color. If you saturate the color by 10%, you get **122.8350, 6.4903, -75.2773**, and if you desaturate by 10%, it is **133.3150, 5.2677, -56.4043**.

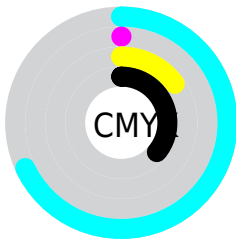
Distribution



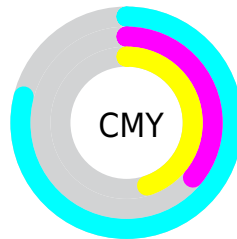
- Red (21%)
- Green (64%)
- Blue (55%)



- Red (21%)
- Yellow (45%)
- Blue (64%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)



- Cyan (79%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.0750, 5.8790, -65.8408 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 128.0750, 5.8790, -65.8408 by changing the saturation by 10% instead.


 128.0750, 5.8790,
-65.8408

 128.0750, 5.8790,
-65.8408


255.0000, 0.0000,
0.0000


 95.3230, 9.7008,
-78.3363

 185.2280, 3.8316,
-62.4670

 75.4170, 7.1894,
-66.1407


 213.2280, 3.8316,
-62.4670

 58.1200, 4.3778,
-50.9712


 229.3140, 10.1982,
-51.1414

 41.5240, 1.7137,
-36.4165

 238.5550, 8.1074,
-33.8127

 26.2160, -1.0925,
-22.9914

 247.5250, 3.6852,
-15.3694

 4.1090, -2.0257,
-3.6036

 0.0000, 0.0000,

0.0000

■ 128.0750, 5.8790,
-65.8408

■ 128.0750, 5.8790,
-65.8408

■ 122.8350, 6.4903,
-75.2773

■ 133.3150, 5.2677,
-56.4043

■ 117.4100, 7.6859,
-85.4286

■ 138.7400, 4.0722,
-46.2530

■ 112.1700, 8.2972,
-94.8651

■ 143.9800, 3.4609,
-36.8165

■ 110.9740, 8.8868,
-97.3242

■ 149.4050, 2.2653,
-26.6652

■ 154.6450, 1.6540,
-17.2287

■ 159.7710, 0.6059,
-7.6922

■ 165.3100, -0.1528,
2.3591

■ 170.4360, -1.2009,
11.8956

■ 175.9750, -1.9597,
21.9469

Harmonies

Analogous

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



136.7300, -14.1639, -30.4582



128.0750, 5.8790, -65.8408



115.9900, 28.1059, -101.7232

Triad

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



128.0750, 5.8790, -65.8408



148.8230, 28.6813, -5.9838



147.5160, -25.8904, 44.2745

Complementary

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



128.0750, 5.8790, -65.8408



88.9250, -5.8790, 65.8408

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.



148.7850, -13.6980, 53.6856



128.0750, 5.8790, -65.8408



151.5300, 16.5007, 27.5992

Square

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



128.0750, 5.8790, -65.8408



139.1060, 35.9367, -46.5740



150.1770, 1.8847, 48.9568



144.9020, -31.5037, 24.6419

Rectangle

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



128.0750, 5.8790, -65.8408



116.9820, 36.9839, -102.5932



150.1770, 1.8847, 48.9568



147.4610, -22.4123, 48.7077

Sweetspot

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



128.0750, 5.8790, -65.8408



200.1170, 2.4073, -25.5356



125.3330, -35.6602, -42.3880



98.6560, 1.6486, -15.4843



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



128.0750, 5.8790, -65.8408



158.0550, 9.3399, -102.6572



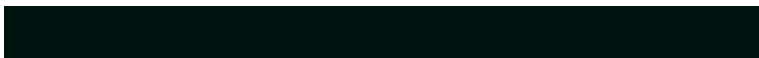
112.6140, 25.3333, -52.2815



79.0810, 0.4531, -5.3330



98.1110, 7.8333, -86.0433



12.1620, 0.9061, -10.6661

Inverse Universe

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



88.9250, -5.8790, 65.8408



96.9450, -9.3399, 102.6572



104.3860, -25.3333, 52.2815



75.9190, -0.4531, 5.3330



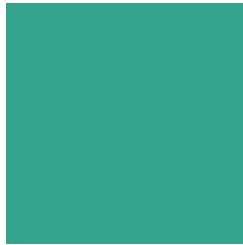
46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 128.0750, 5.8790, -65.8408 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 128.0750, 5.8790, -65.8408 looks on a black 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 × Fail

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

YUV 128.0750, 5.8790, -65.8408

Background



This preview shows how black text looks on a background with the YUV color 128.0750, 5.8790, -65.8408.



This preview shows how white text looks on a background with the YUV color 128.0750, 5.8790,

-65.8408.

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

128.0750, 5.8790, -65.8408

Protanopia

145.9700, -7.8732, 5.2883

Deuteranopia

147.1370, -1.0535, 11.2809



Tritanopia

133.2730, 19.0924, -57.2444

Trichromacy



Original Color

128.0750, 5.8790, -65.8408

Protanomaly

139.7710, -2.8451, -20.8472

Deuteranomaly

139.9440, 1.5066, -16.6139

Tritanomaly

131.5840, 14.0091, -60.1482

Monochromacy



Original Color

128.0750, 5.8790, -65.8408

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0140, 1.9651, -23.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0750, 5.8790, -65.8408 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(53, 164, 140)` looks like.

```
.text, #text, p{  
    color:rgb(53, 164, 140)  
}
```

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(53, 164, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 164, 140) }
```

Border

The CSS property to change the border of an element to YUV 128.0750, 5.8790, -65.8408 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(53, 164, 140) }
```


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

```
.border{ border-color:rgb(53, 164, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 164, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(53, 164,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 128.0750, 5.8790, -65.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 164, 140) }
```

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

```
.background{ background-color: rgb(53, 164,  
140) }
```

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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