

Converting Colors

YUV(107.7500, 5.5462,
-52.4008)

Have a look what the booklet for
YUV(107.7500, 5.5462, -52.4008)
contains.

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Color

**YUV(107.7500, 5.5462,
-52.4008)**

Conversions

Conversions Part 1

Format	Color
Hex	308877
RGB	48, 136, 119
RGB Percent	19%, 53%, 47%
CMY	0.8118, 0.4667, 0.5333
CMYK	0.65, 0.00, 0.12, 0.47
HSL	168°, 48%, 36%
HSV	168°, 65%, 53%
XYZ	13.3529, 19.5686, 20.5261
YIQ	107.7500, -46.9910, -23.9430

Conversions

Conversions Part 2

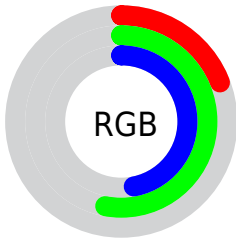
Format	Color
RYB	48, 97, 136
Decimal	3180663
CIELab	51.35, -30.36, 1.44
CIElCh	51, 30.393, 177.292
Yxy	19.5686, 0.2498, 0.3661
Android (android.graphics.Color)	4281370743 (0xFF308877)
YUV	107.7500, 5.5462, -52.4008
Hunter-Lab	44.2364, -23.5331, 3.4544

Details

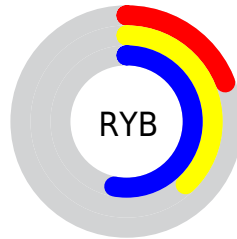
The YUV color **107.7500, 5.5462, -52.4008** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **76.2500, -5.5462, 52.4008**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4190, 4.2304, -50.3565**, and **57.9890, 6.4144, -50.8564** is the 20% darker color. If you saturate the color by 10%, you get **103.2220, 6.2996, -60.7077**, and if you desaturate by 10%, it is **112.2780, 4.7929, -44.0938**.

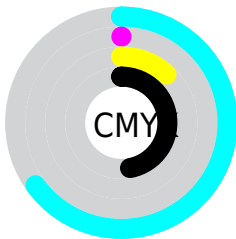
Distribution



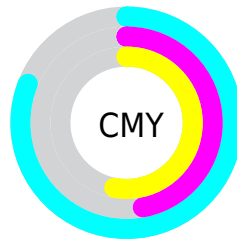
- Red (19%)
- Green (53%)
- Blue (47%)



- Red (19%)
- Yellow (38%)
- Blue (53%)



- Cyan (65%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



- Cyan (81%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7500, 5.5462, -52.4008 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 107.7500, 5.5462, -52.4008 by changing the saturation by 10% instead.

■ 107.7500, 5.5462,
-52.4008

■ 107.7500, 5.5462,
-52.4008

■ 255.0000, 0.0000,
0.0000

■ 77.9770, 7.8993,
-60.4928

■ 162.4190, 4.2304,
-50.3565

■ 57.9890, 6.4144,
-50.8564

■ 190.0060, 3.9410,
-50.8713

■ 41.8660, 3.0241,
-36.7165

■ 218.5930, 3.6517,
-51.3861

■ 26.0850, 0.9441,
-22.8765

■ 235.2660, 9.7289,
-40.5753

■ 5.3970, -2.1677,
-4.7332

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 107.7500, 5.5462,
-52.4008

■ 107.7500, 5.5462,
-52.4008

■ 103.2220, 6.2996,
-60.7077

■ 112.2780, 4.7929,
-44.0938

■ 99.1070, 7.3422,
-68.4998

■ 116.3930, 3.7503,
-36.3017

■ 94.5790, 8.0956,
-76.8068

■ 120.9210, 2.9969,
-27.9947

■ 92.3720, 8.6906,
-81.0102

■ 125.1500, 2.3911,
-20.3025

■ 129.5640, 1.2009,
-11.8956

■ 134.0920, 0.4476,
-3.5887

■ 138.2070, -0.5951,
4.2035

■ 142.7350, -1.3484,
12.5104

■ 146.9640, -1.9543,
20.2026

Harmonies

Analogous

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



113.7890, -10.2490, -26.1250



107.7500, 5.5462, -52.4008



96.3620, 23.9785, -84.5095

Triad

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



107.7500, 5.5462, -52.4008



123.7220, 21.8291, -1.5102



122.6010, -21.4953, 34.5529

Complementary

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



107.7500, 5.5462, -52.4008



76.2500, -5.5462, 52.4008

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.



123.8760, -11.7709, 42.2047



107.7500, 5.5462, -52.4008



125.7700, 12.4384, 23.8807

Square

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



107.7500, 5.5462, -52.4008



117.7180, 27.7470, -33.0787



125.0680, 0.4595, 39.4054



120.5790, -24.9354, 17.9092

Rectangle

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



107.7500, 5.5462, -52.4008



99.2900, 29.9300, -80.0613



125.0680, 0.4595, 39.4054



122.7200, -18.5960, 37.9566

Sweetspot

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



107.7500, 5.5462, -52.4008



165.3350, 1.8068, -19.5878



105.0380, -28.1197, -34.2363



82.5640, 1.2009, -11.8956



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



107.7500, 5.5462, -52.4008



131.9590, 8.4012, -81.5250



94.4260, 20.4960, -40.7156



66.7930, 0.5951, -4.2035



90.2690, 8.2484, -79.1659



3.3910, 0.3002, -2.9739

Inverse Universe

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



76.2500, -5.5462, 52.4008



82.9270, -8.8380, 81.6250



89.5740, -20.4960, 40.7156



64.2070, -0.5951, 4.2035



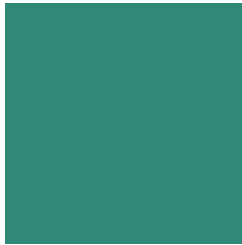
42.7310, -8.2484, 79.1659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 107.7500, 5.5462, -52.4008 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 107.7500, 5.5462, -52.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

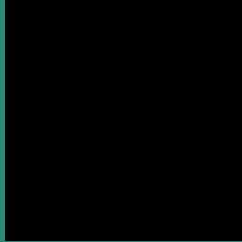
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.7500, 5.5462, -52.4008

Background



This preview shows how black text looks on a background with the YUV color 107.7500, 5.5462, -52.4008.



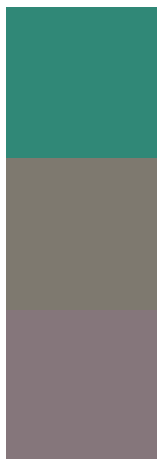
This preview shows how white text looks on a background with the YUV color 107.7500, 5.5462, -52.4008.

-52.4008.

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

107.7500, 5.5462, -52.4008

Protanopia

121.3550, -5.1050, 4.0737

Deuteranopia

123.0550, -0.0271, 8.7218



Tritanopia

111.7150, 15.4235, -47.1081

Trichromacy



Original Color

107.7500, 5.5462, -52.4008

Protanomaly

116.2600, -1.1142, -16.0140

Deuteranomaly

117.7810, 2.0800, -13.8399

Tritanomaly

110.0800, 11.7926, -49.1822

Monochromacy



Original Color

107.7500, 5.5462, -52.4008

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7480, 2.0962, -19.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7500, 5.5462, -52.4008 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(48, 136, 119)` looks like.

```
.text, #text, p{  
    color:rgb(48, 136, 119)  
}
```

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(48, 136, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 136, 119) }
```

Border

The CSS property to change the border of an element to YUV 107.7500, 5.5462, -52.4008 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(48, 136, 119) }
```


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

```
.border{ border-color:rgb(48, 136, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 136, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 136, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 136, 119);  
box-shadow:4px 4px 4px 4px rgb(48, 136,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 107.7500, 5.5462, -52.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 136, 119) }
```

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

```
.background{ background-color: rgb(48, 136,  
119) }
```

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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