

Converting Colors

YUV(109.6700, 0.1627,
-52.3306)

Have a look what the booklet for
YUV(109.6700, 0.1627, -52.3306)
contains.

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Color

**YUV(109.6700, 0.1627,
-52.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	328C6E
RGB	50, 140, 110
RGB Percent	20%, 55%, 43%
CMY	0.8039, 0.4510, 0.5686
CMYK	0.64, 0.00, 0.21, 0.45
HSL	160°, 47%, 37%
HSV	160°, 64%, 55%
XYZ	13.5079, 20.5601, 18.0084
YIQ	109.6700, -44.0100, -28.4100

Conversions

Conversions Part 2

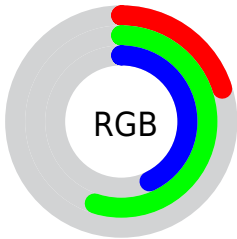
Format	Color
RYB	50, 104, 140
Decimal	3312750
CIELab	52.46, -34.18, 8.26
CIELCh	52, 35.162, 166.414
Yxy	20.5601, 0.2594, 0.3948
Android (android.graphics.Color)	4281502830 (0xFF328C6E)
YUV	109.6700, 0.1627, -52.3306
Hunter-Lab	45.3432, -26.1747, 8.1928

Details

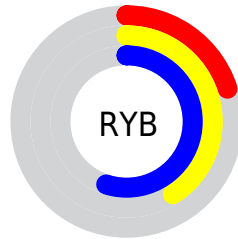
The YUV color **109.6700, 0.1627, -52.3306** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80.3300, -0.1627, 52.3306**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0400, -1.0057, -50.9011**, and **59.3110, 1.3257, -52.0157** is the 20% darker color. If you saturate the color by 10%, you get **104.9140, 0.0424, -60.4376**, and if you desaturate by 10%, it is **114.4260, 0.2830, -44.2236**.

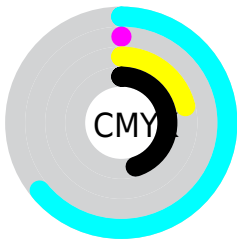
Distribution



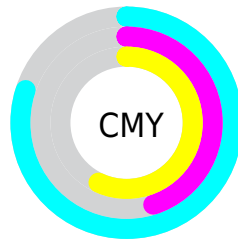
- Red (20%)
- Green (55%)
- Blue (43%)



- Red (20%)
- Yellow (41%)
- Blue (55%)



- Cyan (64%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6700, 0.1627, -52.3306 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 109.6700, 0.1627, -52.3306 by changing the saturation by 10% instead.

■ 109.6700, 0.1627,
-52.3306

■ 109.6700, 0.1627,
-52.3306

■ 255.0000, 0.0000,
0.0000

■ 80.6090, 2.6578,
-59.2931

■ 164.0400, -1.0057,
-50.9011

■ 59.3110, 1.3257,
-52.0157

■ 191.9260, -1.4425,
-50.8011

■ 42.7150, -1.3385,
-37.4611

■ 220.3990, -2.1687,
-51.2159

■ 26.9340, -3.4185,
-23.6211

■ 234.4250, 5.2135,
-38.9607

■ 9.3920, -4.6303,
-8.2368

■ 244.2360, 5.3067,
-22.1320

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 109.6700, 0.1627,
-52.3306

■ 109.6700, 0.1627,
-52.3306

■ 104.9140, 0.0424,
-60.4376

■ 114.4260, 0.2830,
-44.2236

■ 100.2720, 0.3589,
-68.6445

■ 119.0680, -0.0335,
-36.0166

■ 95.5160, 0.2386,
-76.7515

■ 123.8240, 0.0868,
-27.9096

■ 92.7820, 0.1075,
-81.3698

■ 128.5800, 0.2071,
-19.8027

■ 133.2220, -0.1094,
-11.5957

■ 137.9780, 0.0108,
-3.4887

■ 142.7340, 0.1311,
4.6183

■ 147.3760, -0.1854,
12.8252

■ 152.1320, -0.0651,
20.9322

Harmonies

Analogous

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



117.2860, -17.3960, -20.4218



109.6700, 0.1627, -52.3306



98.8410, 20.7844, -86.6836

Triad

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



109.6700, 0.1627, -52.3306



124.4690, 28.8558, -15.3203



125.4820, -20.9436, 44.3043

Complementary

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



109.6700, 0.1627, -52.3306



80.3300, -0.1627, 52.3306

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.



126.5440, -8.1562, 49.5119



109.6700, 0.1627, -52.3306



128.7460, 18.8592, 17.7628

Square

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



109.6700, 0.1627, -52.3306



111.8010, 35.1011, -58.5845



128.1590, 5.8376, 41.0796



124.0210, -28.6044, 28.0456

Rectangle

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



109.6700, 0.1627, -52.3306



100.4200, 29.3729, -88.0683



128.1590, 5.8376, 41.0796



125.8290, -17.1707, 47.5080

Sweetspot

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



109.6700, 0.1627, -52.3306



169.5800, 0.2071, -19.8027



111.8000, -30.4674, -27.8886



84.9230, 0.0380, -12.2105



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



109.6700, 0.1627, -52.3306



134.1950, 0.3969, -80.8550



104.2850, 17.6075, -47.6079



66.6790, 0.1583, -4.1035



88.1030, -0.0508, -77.2663



3.2770, -0.1366, -2.8739

Inverse Universe

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



80.3300, -0.1627, 52.3306



88.8050, -0.3969, 80.8550



85.7150, -17.6075, 47.6079



64.3210, -0.1583, 4.1035



44.7830, -0.3860, 77.3663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 109.6700, 0.1627, -52.3306 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 109.6700, 0.1627, -52.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

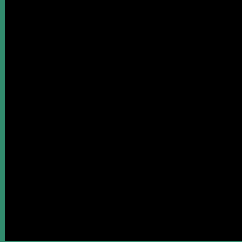
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6700, 0.1627, -52.3306

Background



This preview shows how black text looks on a background with the YUV color 109.6700, 0.1627, -52.3306.



This preview shows how white text looks on a background with the YUV color 109.6700, 0.1627,

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

109.6700, 0.1627, -52.3306

Protanopia

123.8840, -10.7888, 7.1177

Deuteranopia

125.2960, -5.5689, 12.8954



Tritanopia

115.0250, 15.2707, -44.7489

Trichromacy



Original Color

109.6700, 0.1627, -52.3306

Protanomaly

118.7780, -6.7926, -14.7143

Deuteranomaly

119.4240, -3.1670, -10.8958

Tritanomaly

113.2220, 9.7506, -47.5527

Monochromacy



Original Color

109.6700, 0.1627, -52.3306

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8790, 0.0597, -19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6700, 0.1627, -52.3306 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(50, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(50, 140, 110)  
}
```

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(50, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 140, 110) }
```

Border

The CSS property to change the border of an element to YUV 109.6700, 0.1627, -52.3306 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(50, 140, 110) }
```


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

```
.border{ border-color:rgb(50, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(50, 140,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 109.6700, 0.1627, -52.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 140, 110) }
```

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

```
.background{ background-color: rgb(50, 140,  
110) }
```

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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