

Converting Colors

YUV(109.2960, -2.6109,
-49.3716)

Have a look what the booklet for
YUV(109.2960, -2.6109, -49.3716)
contains.

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Color

**YUV(109.2960, -2.6109,
-49.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	358B68
RGB	53, 139, 104
RGB Percent	21%, 55%, 41%
CMY	0.7922, 0.4549, 0.5922
CMYK	0.62, 0.00, 0.25, 0.45
HSL	156°, 45%, 38%
HSV	156°, 62%, 55%
XYZ	13.1995, 20.2216, 16.3042
YIQ	109.2960, -40.0210, -29.1170

Conversions

Conversions Part 2

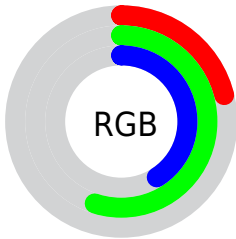
Format	Color
RYB	53, 107, 139
Decimal	3509096
CIELab	52.09, -34.55, 11.19
CIElCh	52, 36.317, 162.060
Yxy	20.2216, 0.2654, 0.4067
Android (android.graphics.Color)	4281699176 (0xFF358B68)
YUV	109.2960, -2.6109, -49.3716
Hunter-Lab	44.9684, -26.3000, 9.9812

Details

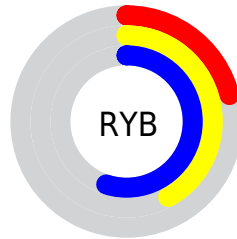
The YUV color **109.2960, -2.6109, -49.3716** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82.7040, 2.6109, 49.3716**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2530, -4.0687, -48.4569**, and **58.1540, -0.5689, -51.0011** is the 20% darker color. If you saturate the color by 10%, you get **104.4260, -3.1680, -57.3786**, and if you desaturate by 10%, it is **114.1660, -2.0538, -41.3646**.

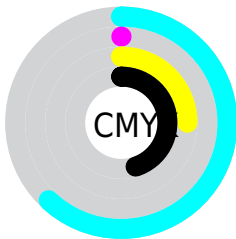
Distribution



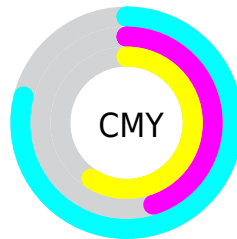
- Red (21%)
- Green (55%)
- Blue (41%)



- Red (21%)
- Yellow (42%)
- Blue (55%)



- Cyan (62%)
- Magenta (0%)
- Yellow (25%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2960, -2.6109, -49.3716 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 109.2960, -2.6109, -49.3716 by changing the saturation by 10% instead.

■ 109.2960, -2.6109,
-49.3716

■ 109.2960, -2.6109,
-49.3716

■ 255.0000, 0.0000,
0.0000

■ 81.4310, -0.7055,
-53.8750

■ 163.2530, -4.0687,
-48.4569

■ 58.1540, -0.5689,
-51.0011

■ 191.1390, -4.5055,
-48.3569

■ 41.5580, -3.2331,
-36.4464

■ 219.7260, -4.7949,
-48.8717

■ 26.2500, -6.0393,
-23.0212

■ 234.2250, 1.8611,
-37.0313

■ 8.2180, -4.0515,
-7.2072

■ 244.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 109.2960, -2.6109,
-49.3716

■ 109.2960, -2.6109,
-49.3716

■ 104.4260, -3.1680,
-57.3786

■ 114.1660, -2.0538,
-41.3646

■ 99.6700, -3.2883,
-65.4856

■ 118.9220, -1.9335,
-33.2576

■ 94.8000, -3.8454,
-73.4926

■ 123.7920, -1.3765,
-25.2506

■ 90.9410, -4.4079,
-79.7553

■ 128.6620, -0.8194,
-17.2436

■ 133.4180, -0.6991,
-9.1366

■ 137.9890, 0.0054,
-1.7444

■ 142.8590, 0.5625,
6.2627

■ 147.6150, 0.6828,
14.3696

■ 152.4850, 1.2399,
22.3767

Harmonies

Analogous

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



116.4390, -19.4434, -17.0480



109.2960, -2.6109, -49.3716



97.6840, 18.8898, -85.6689

Triad

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



109.2960, -2.6109, -49.3716



122.2940, 30.9141, -22.1828



124.4330, -19.9335, 46.9783

Complementary

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



109.2960, -2.6109, -49.3716



82.7040, 2.6109, 49.3716

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.



126.0110, -6.4144, 50.8564



109.2960, -2.6109, -49.3716



127.4080, 21.4909, 13.6742

Square

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



109.2960, -2.6109, -49.3716



104.0160, 38.9391, -76.3130



127.1310, 8.3164, 39.3501



123.0430, -28.6152, 31.5343

Rectangle

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



109.2960, -2.6109, -49.3716



99.3770, 27.9151, -87.1536



127.1310, 8.3164, 39.3501



124.8940, -15.7237, 50.0820

Sweetspot

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



109.2960, -2.6109, -49.3716



169.2380, -1.1033, -19.5027



114.2460, -30.1943, -22.1407



84.6950, -0.8356, -12.0105



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.



109.2960, -2.6109, -49.3716



134.7780, -3.8346, -76.9813



109.1770, 14.7027, -49.2672



66.5650, -0.2785, -4.0035



87.0770, -3.9820, -76.3665



3.2770, -0.1366, -2.8739

Inverse Universe

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



82.7040, 2.6109, 49.3716



93.3360, 4.2714, 76.8813



82.8230, -14.7027, 49.2672



64.4350, 0.2785, 4.0035



45.9230, 3.9820, 76.3665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 109.2960, -2.6109, -49.3716 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 109.2960, -2.6109, -49.3716 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 109.2960, -2.6109, -49.3716

Background



This preview shows how black text looks on a background with the YUV color 109.2960, -2.6109, -49.3716.



This preview shows how white text looks on a background with the YUV color 109.2960, -2.6109,

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

109.2960, -2.6109, -49.3716

Protanopia

122.7270, -12.6834, 8.1324

Deuteranopia

124.3240, -8.0477, 14.6249



Tritanopia

115.1070, 14.2442, -42.1898

Trichromacy



Original Color

109.2960, -2.6109, -49.3716

Protanomaly

117.9200, -8.8346, -13.0848

Deuteranomaly

118.7510, -5.7932, -8.5516

Tritanomaly

113.0760, 7.8505, -44.7937

Monochromacy



Original Color

109.2960, -2.6109, -49.3716

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2490, -1.1088, -17.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2960, -2.6109, -49.3716 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, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(53, 139, 104)  
}
```

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, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 139, 104) }
```

Border

The CSS property to change the border of an element to YUV 109.2960, -2.6109, -49.3716 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, 139, 104) }
```


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

```
.border{ border-color:rgb(53, 139, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(53, 139,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 109.2960, -2.6109, -49.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 139, 104) }
```

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

```
.background{ background-color: rgb(53, 139,  
104) }
```

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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