

Converting Colors

YUV(109.1460, -2.0440,
-91.3360)

Have a look what the booklet for
YUV(109.1460, -2.0440, -91.3360)
contains.

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Color

**YUV(109.1460, -2.0440,
-91.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	05A369
RGB	5, 163, 105
RGB Percent	2%, 64%, 41%
CMY	0.9804, 0.3608, 0.5882
CMYK	0.97, 0.00, 0.36, 0.36
HSL	158°, 94%, 33%
HSV	158°, 97%, 64%
XYZ	15.7096, 27.2466, 17.7957
YIQ	109.1460, -75.5500, -51.5340

Conversions

Conversions Part 2

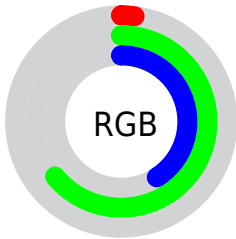
Format	Color
RYB	5, 102, 163
Decimal	369513
CIELab	59.20, -49.75, 20.31
CIElCh	59, 53.735, 157.793
Yxy	27.2466, 0.2586, 0.4485
Android (android.graphics.Color)	4278559593 (0xFF05A369)
YUV	109.1460, -2.0440, -91.3360
Hunter-Lab	52.1982, -37.6256, 16.3253

Details

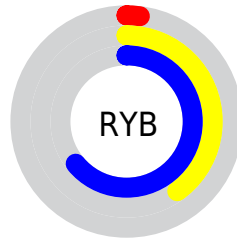
The YUV color **109.1460, -2.0440, -91.3360** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **58.8540, 2.0440, 91.3360**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6600, -8.2134, -72.4928**, and **71.0680, -6.9355, -62.3266** is the 20% darker color. If you saturate the color by 10%, you get **107.4230, -2.1805, -94.2100**, and if you desaturate by 10%, it is **114.6140, -1.7817, -82.0995**.

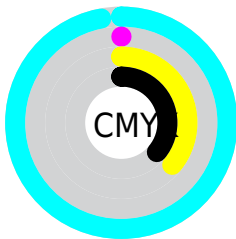
Distribution



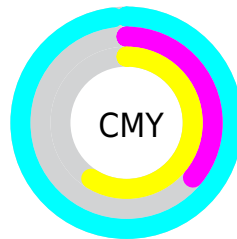
- Red (2%)
- Green (64%)
- Blue (41%)



- Red (2%)
- Yellow (40%)
- Blue (64%)



- Cyan (97%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)





- Cyan (98%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.1460, -2.0440, -91.3360 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 109.1460, -2.0440, -91.3360 by changing the saturation by 10% instead.


 109.1460, -2.0440,
-91.3360


 109.1460, -2.0440,
-91.3360


255.0000, 0.0000,
0.0000

 89.0660, -3.9765,
-78.1109


 173.6600, -8.2134,
-72.4928

 71.0680, -6.9355,
-62.3266


 202.7310, -9.2344,
-71.6781

 53.2980, -9.0209,
-46.7423

 218.8880, -3.8888,
-59.5378

 36.7020, -11.6851,
-32.1877

 230.8650, 4.5036,
-44.6086

 22.3060, -10.9969,
-19.5624

 241.5450, 6.6333,
-27.6650

 0.0000, 0.0000,
0.0000

 250.5150, 2.2111,

-9.2217

■ 109.1460, -2.0440,
-91.3360

■ 109.1460, -2.0440,
-91.3360

■ 107.4230, -2.1805,
-94.2100

■ 114.6140, -1.7817,
-82.0995

■ 120.3810, -1.6668,
-72.2481

■ 125.8490, -1.4046,
-63.0116

■ 131.3170, -1.1423,
-53.7750

■ 137.0840, -1.0274,
-43.9237

■ 142.5520, -0.7651,
-34.6871

■ 148.0200, -0.5029,
-25.4505

■ 153.4880, -0.2406,
-16.2140

■ 159.2550, -0.1257,
-6.3626

Harmonies

Analogous

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



130.4480, -33.2519, -21.4409



109.1460, -2.0440, -91.3360



114.9980, 19.2280, -100.8532

Triad

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



109.1460, -2.0440, -91.3360



132.6610, 50.9461, -54.0767



140.2790, -26.2665, 71.6693

Complementary

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



109.1460, -2.0440, -91.3360



58.8540, 2.0440, 91.3360

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.



141.6320, -4.7486, 76.6217



109.1460, -2.0440, -91.3360



146.2520, 34.8788, 12.9340

Square

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



109.1460, -2.0440, -91.3360



118.2650, 54.5924, -103.7184



145.1190, 16.7033, 56.0236



139.1950, -42.4941, 49.8180

Rectangle

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



109.1460, -2.0440, -91.3360



117.9450, 33.0581, -103.4378



145.1190, 16.7033, 56.0236



140.4350, -19.4415, 75.9175

Sweetspot

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



109.1460, -2.0440, -91.3360



190.8400, -0.9071, -35.8167



115.9850, -54.7156, -43.8368



94.3410, -0.6611, -21.3471



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.



109.1460, -2.0440, -91.3360



139.7200, -2.8200, -122.5344



105.1920, 28.4993, -87.8684



78.9670, 0.0163, -5.2331



95.6030, -1.7763, -83.8438



11.8200, -0.4043, -10.3661

Inverse Universe

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



58.8540, 2.0440, 91.3360



72.2800, 2.8200, 122.5344



62.8080, -28.4993, 87.8684



76.0330, -0.0163, 5.2331



49.3970, 1.7763, 83.8438



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 109.1460, -2.0440, -91.3360 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 109.1460, -2.0440, -91.3360 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 109.1460, -2.0440, -91.3360

Background



This preview shows how black text looks on a background with the YUV color 109.1460, -2.0440, -91.3360.



This preview shows how white text looks on a background with the YUV color 109.1460, -2.0440,

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

109.1460, -2.0440, -91.3360

Protanopia

140.0450, -21.7142, 11.3615

Deuteranopia

141.8210, -15.1948, 20.3280



Tritanopia

127.1800, 20.1243, -61.5479

Trichromacy



Original Color

109.1460, -2.0440, -91.3360



Protanomaly

128.9370, -14.7589, -26.2547



Deuteranomaly

130.1210, -10.4127, -20.2771



Tritanomaly

120.6380, 12.0105, -72.4735

Monochromacy



Original Color

109.1460, -2.0440, -91.3360



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.2640, -0.6232, -33.5575

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1460, -2.0440, -91.3360 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(5, 163, 105)` looks like.

```
.text, #text, p{  
    color:rgb(5, 163, 105)  
}
```

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(5, 163, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 163, 105) }
```

Border

The CSS property to change the border of an element to YUV 109.1460, -2.0440, -91.3360 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(5, 163, 105) }
```


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

```
.border{ border-color:rgb(5, 163, 105) }
```

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

Here you see how a box with a 4 pixel rgb(5, 163, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 163, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 163, 105);  
box-shadow:4px 4px 4px 4px rgb(5, 163,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 109.1460, -2.0440, -91.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 163, 105) }
```

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

```
.background{ background-color: rgb(5, 163,  
105) }
```

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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