

Converting Colors

YUV(90.1150, -41.9617,
-74.6459)

Have a look what the booklet for
YUV(90.1150, -41.9617, -74.6459)
contains.

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Color

**YUV(90.1150, -41.9617,
-74.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	059605
RGB	5, 150, 5
RGB Percent	2%, 59%, 2%
CMY	0.9804, 0.4118, 0.9804
CMYK	0.97, 0.00, 0.97, 0.41
HSL	120°, 94%, 30%
HSV	120°, 97%, 59%
XYZ	10.9963, 21.8559, 3.7826
YIQ	90.1150, -39.8750, -75.8350

Conversions

Conversions Part 2

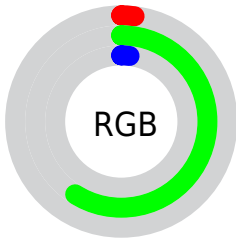
Format	Color
RYB	5, 150, 150
Decimal	366085
CIELab	53.87, -57.55, 55.21
CIELCh	54, 79.749, 136.185
Yxy	21.8559, 0.3002, 0.5966
Android (android.graphics.Color)	4278556165 (0xFF059605)
YUV	90.1150, -41.9617, -74.6459
Hunter-Lab	46.7503, -39.8273, 27.9280

Details

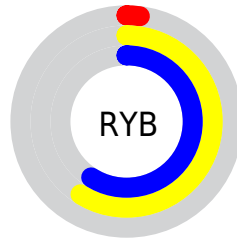
The YUV color **90.1150, -41.9617, -74.6459** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **64.8850, 41.9617, 74.6459**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3390, -41.5791, -57.3023**, and **56.9390, -28.0709, -49.9355** is the 20% darker color. If you saturate the color by 10%, you get **88.0500, -43.4087, -77.2198**, and if you desaturate by 10%, it is **96.3100, -37.6208, -66.9239**.

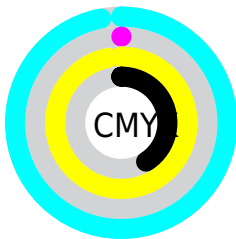
Distribution



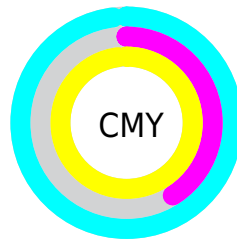
- Red (2%)
- Green (59%)
- Blue (2%)



- Red (2%)
- Yellow (59%)
- Blue (59%)



- Cyan (97%)
- Magenta (0%)
- Yellow (97%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1150, -41.9617, -74.6459 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 90.1150, -41.9617, -74.6459 by changing the saturation by 10% instead.

■ 90.1150, -41.9617,
-74.6459

■ 90.1150, -41.9617,
-74.6459

255.0000, 0.0000,
0.0000

■ 72.2010, -35.5951,
-63.3203

■ 155.3390,
-41.5791, -57.3023

■ 56.9390, -28.0709,
-49.9355

■ 184.4100,
-42.6001, -56.4876

■ 42.2640, -20.8362,
-37.0655

■ 208.7850,
-41.3060, -51.5544

■ 29.3500, -14.4695,
-25.7399

■ 220.5340,
-33.7873, -36.4253

■ 12.9140, -6.3666,
-11.3256

■ 232.6960,
-25.9791, -20.7814

■ 0.0000, 0.0000,
0.0000

■ 244.9720,

-17.7342, -5.2374

■ 253.0620, -7.4256,
1.6996

■ 90.1150, -41.9617,
-74.6459

■ 90.1150, -41.9617,
-74.6459

■ 88.0500, -43.4087,
-77.2198

■ 96.3100, -37.6208,
-66.9239

■ 102.5050,
-33.2800, -59.2019

■ 108.7000,
-28.9391, -51.4799

■ 114.8950,
-24.5982, -43.7579

■ 121.0900,
-20.2574, -36.0359

■ 127.2850,
-15.9165, -28.3139

■ 133.4800,
-11.5756, -20.5920

■ 139.6750, -7.2348,
-12.8700

■ 145.8700, -2.8939,
-5.1480

Harmonies

Analogous

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



116.8970, -57.6302, 4.4753



90.1150, -41.9617, -74.6459



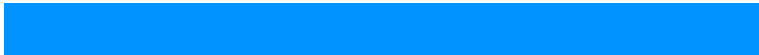
102.1740, -4.5228, -89.6066

Triad

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



90.1150, -41.9617, -74.6459



114.7720, 69.1324, -100.6550



106.4020, -5.6212, 123.3044

Complementary

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



90.1150, -41.9617, -74.6459



64.8850, 41.9617, 74.6459

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.



114.1910, 24.5558, 104.1955



90.1150, -41.9617, -74.6459



102.4450, 75.2096, -89.8443

Square

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



90.1150, -41.9617, -74.6459



117.5640, 54.4449, -103.1036



130.5170, 46.5801, 39.8886



116.9110, -44.8191, 95.6711

Rectangle

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



90.1150, -41.9617, -74.6459



108.9340, 16.3015, -95.5351



130.5170, 46.5801, 39.8886



104.3280, 6.7403, 125.1233

Sweetspot

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



90.1150, -41.9617, -74.6459



170.8720, -16.2059, -28.8287



133.4700, -63.3357, 14.4968



82.9580, -9.8393, -17.5032



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



90.1150, -41.9617, -74.6459



113.8780, -56.1419, -99.8710



98.4370, -10.0754, -81.9442



71.1090, -2.0257, -3.6036



81.0060, -39.9360, -71.0423



5.8700, -2.8939, -5.1480

Inverse Universe

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



64.8850, 41.9617, 74.6459



80.1220, 56.1419, 99.8710



56.6770, 10.5122, 81.8443



69.8910, 2.0257, 3.6036



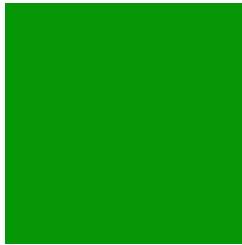
56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 90.1150, -41.9617, -74.6459 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 90.1150, -41.9617, -74.6459 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 90.1150, -41.9617, -74.6459 Background



This preview shows how black text looks on a background with the YUV color 90.1150, -41.9617, -74.6459.



This preview shows how white text looks on a background with the YUV color 90.1150, -41.9617,

-74.6459.

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

90.1150, -41.9617, -74.6459

Protanopia

118.4910, -58.4161, 23.2484

Deuteranopia

123.5150, -44.6239, 32.8743



Tritanopia

117.6440, 16.4445, -47.9228

Trichromacy



Original Color

90.1150, -41.9617, -74.6459



Protanomaly

108.1660, -52.3398, -12.4236



Deuteranomaly

111.2020, -43.4836, -6.3162



Tritanomaly

107.6710, -4.7678, -57.5935

Monochromacy



Original Color

90.1150, -41.9617, -74.6459



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

90.1110, -15.3377, -27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1150, -41.9617, -74.6459 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, 150, 5)` looks like.

```
.text, #text, p{  
    color:rgb(5, 150, 5)  
}
```

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, 150, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 150, 5) }
```

Border

The CSS property to change the border of an element to YUV 90.1150, -41.9617, -74.6459 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, 150, 5) }
```


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

```
.border{ border-color:rgb(5, 150, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 150, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 150, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 150, 5); box-shadow:4px  
4px 4px 4px rgb(5, 150, 5) }
```

Background

The CSS property to change the background color of an element to YUV 90.1150, -41.9617, -74.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 150, 5) }
```

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

```
.background{ background-color: rgb(5, 150,  
5) }
```

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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