

Converting Colors

YUV(45.9540, 6.4317, -9.6067)

Have a look what the booklet for
YUV(45.9540, 6.4317, -9.6067)
contains.

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Color

**YUV(45.9540, 6.4317,
-9.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	23313B
RGB	35, 49, 59
RGB Percent	14%, 19%, 23%
CMY	0.8627, 0.8078, 0.7686
CMYK	0.41, 0.17, 0.00, 0.77
HSL	205°, 26%, 18%
HSV	205°, 41%, 23%
XYZ	2.5809, 2.8697, 4.5556
YIQ	45.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

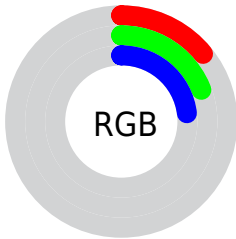
Format	Color
RYB	35, 44, 59
Decimal	2306363
CIELab	19.51, -2.80, -8.20
CIELCh	20, 8.663, 251.175
Yxy	2.8697, 0.2579, 0.2868
Android (android.graphics.Color)	4280496443 (0xFF23313B)
YUV	45.9540, 6.4317, -9.6067
Hunter-Lab	16.9402, -2.4507, -4.0861

Details

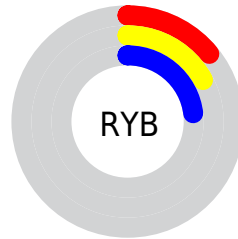
The YUV color **45.9540, 6.4317, -9.6067** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.0460, -6.4317, 9.6067**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0680, 6.8685, -9.7066**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **42.9860, 7.8949, -12.2657**, and if you desaturate by 10%, it is **48.9220, 4.9685, -6.9476**.

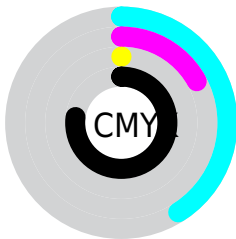
Distribution



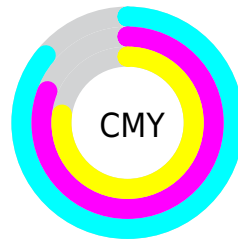
- Red (14%)
- Green (19%)
- Blue (23%)



- Red (14%)
- Yellow (17%)
- Blue (23%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (77%)



- Cyan (86%)
- Magenta (81%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.9540, 6.4317, -9.6067 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 45.9540, 6.4317, -9.6067 by changing the saturation by 10% instead.

■ 45.9540, 6.4317,
-9.6067

■ 45.9540, 6.4317,
-9.6067

■ 255.0000, 0.0000,
0.0000

■ 24.8400, 5.9949,
-9.5067

■ 92.0680, 6.8685,
-9.7066

■ 2.5250, 7.1362,
-2.2144

■ 116.7690, 7.0159,
-10.3214

■ 0.0000, 0.0000,
0.0000

■ 141.8830, 7.4527,
-10.4214

■ 168.5840, 7.6001,
-11.0362

■ 195.6980, 8.0369,
-11.1361

■ 223.6980, 8.0369,

-11.1361

■ 250.5150, 2.2111,
-9.2217

■ 45.9540, 6.4317,
-9.6067

■ 45.9540, 6.4317,
-9.6067

■ 42.9860, 7.8949,
-12.2657

■ 48.9220, 4.9685,
-6.9476

■ 39.4310, 9.6475,
-14.4100

■ 52.4770, 3.2158,
-4.8033

■ 36.4630, 11.1107,
-17.0691

■ 55.4450, 1.7526,
-2.1443

■ 32.9080, 12.8634,
-19.2133

■ 59.0000, 0.0000,
0.0000

■ 29.9400, 14.3266,
-21.8724

■ 61.9680, -1.4632,
2.6591

■ 26.6840, 15.9318,
-23.4019

■ 65.2240, -3.0684,
4.1886

■ 68.1920, -4.5317,
6.8476

■ 71.7470, -6.2843,
8.9919

■ 74.7150, -7.7475,
11.6509

Harmonies

Analogous

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



44.5900, 5.1321, -12.7954



45.9540, 6.4317, -9.6067



47.2860, 6.2680, -3.7588

Triad

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



45.9540, 6.4317, -9.6067



48.3110, -1.6323, 10.2513



45.6530, -3.7729, -3.2037

Complementary

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



45.9540, 6.4317, -9.6067



48.0460, -6.4317, 9.6067

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.



47.1160, -5.9732, 2.5293



45.9540, 6.4317, -9.6067



47.9150, -4.3951, 9.7215

Square

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



45.9540, 6.4317, -9.6067



48.0980, 1.4307, 7.8071



47.1490, -5.9895, 7.7623



45.6030, -1.2833, -8.4218

Rectangle

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



45.9540, 6.4317, -9.6067



48.2650, 4.7994, 0.6446



47.1490, -5.9895, 7.7623



46.3220, -5.0887, -1.1594

Sweetspot

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



45.9540, 6.4317, -9.6067



71.6620, 2.6316, -4.0886



50.2280, -2.5774, -13.3550



35.3310, 1.3158, -2.0443



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



45.9540, 6.4317, -9.6067



56.2460, 10.2317, -15.1247



38.9100, 9.9044, -3.4291



28.9290, 1.0210, -0.8147



43.0010, 25.1425, -37.7119



101.0310, 59.6377, -88.6042

Inverse Universe

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



43.7720, 2.5774, 13.3550



52.8700, 4.0081, 21.1620



55.0900, -9.9044, 3.4291



29.0110, -0.0054, 1.7444



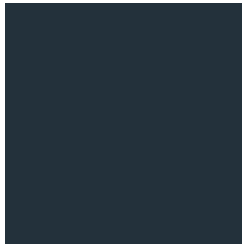
34.3760, 10.1676, 52.2902



81.0840, 23.6226, 123.5833

Previews

White Background



This preview shows how the YUV color 45.9540, 6.4317, -9.6067 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

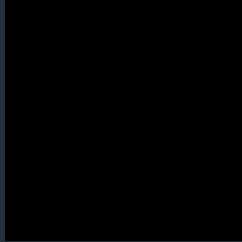
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.9540, 6.4317, -9.6067

Background



This preview shows how black text looks on a background with the YUV color 45.9540, 6.4317, -9.6067.



This preview shows how white text looks on a background with the YUV color 45.9540, 6.4317, -9.6067.

-9.6067.

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

45.9540, 6.4317, -9.6067

Protanopia

47.5420, 4.6628, -2.2293

Deuteranopia

47.2970, 6.2626, -2.0145



Tritanopia

45.6720, 4.1057, -10.2363

Trichromacy



Original Color

45.9540, 6.4317, -9.6067

Protanomaly

47.0470, 5.3998, -5.3032

Deuteranomaly

46.6880, 6.5628, -4.9884

Tritanomaly

45.9000, 4.9793, -10.4363

Monochromacy



Original Color

45.9540, 6.4317, -9.6067

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9540, 6.4317, -9.6067 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(35, 49, 59)` looks like.

```
.text, #text, p{  
    color:rgb(35, 49, 59)  
}
```

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(35, 49, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 49, 59) }
```

Border

The CSS property to change the border of an element to YUV 45.9540, 6.4317, -9.6067 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(35, 49, 59) }
```


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

```
.border{ border-color:rgb(35, 49, 59) }
```

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

Here you see how a box with a 4 pixel rgb(35, 49, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 49, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 49, 59);  
box-shadow:4px 4px 4px 4px rgb(35, 49, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.9540, 6.4317, -9.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 49, 59) }
```

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

```
.background{ background-color: rgb(35, 49,  
59) }
```

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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