

Converting Colors

YUV(96.1690, -3.0413, -4.5332)

Have a look what the booklet for
YUV(96.1690, -3.0413, -4.5332)
contains.

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Color

**YUV(96.1690, -3.0413,
-4.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	5B645A
RGB	91, 100, 90
RGB Percent	36%, 39%, 35%
CMY	0.6431, 0.6078, 0.6471
CMYK	0.09, 0.00, 0.10, 0.61
HSL	114°, 5%, 37%
HSV	114°, 10%, 39%
XYZ	10.7170, 12.0767, 11.4390
YIQ	96.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

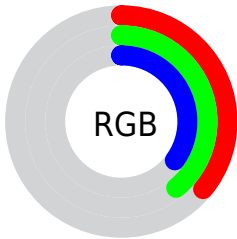
Format	Color
R _Y B	90, 100, 99
Decimal	5989466
CIE Lab	41.34, -5.59, 4.49
CIE LCh	41, 7.169, 141.252
Yxy	12.0767, 0.3131, 0.3528
Android (android.graphics.Color)	4284179546 (0xFF5B645A)
YUV	96.1690, -3.0413, -4.5332
Hunter-Lab	34.7515, -5.7675, 4.8098

Details

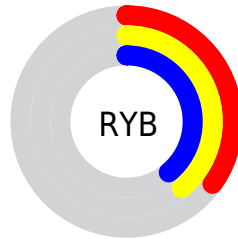
The YUV color **96.1690, -3.0413, -4.5332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.8310, 3.0413, 4.5332**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7560, -3.3307, -5.0480**, and **49.5820, -2.7519, -4.0184** is the 20% darker color. If you saturate the color by 10%, you get **92.3380, -6.0826, -9.0664**, and if you desaturate by 10%, it is **100.0000, 0.0000, 0.0000**.

Distribution



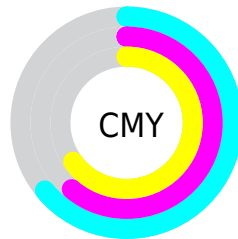
- Red (36%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1690, -3.0413, -4.5332 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 96.1690, -3.0413, -4.5332 by changing the saturation by 10% instead.

■ 96.1690, -3.0413,
-4.5332

■ 96.1690, -3.0413,
-4.5332

■ 255.0000, 0.0000,
0.0000

■ 72.5820, -2.7519,
-4.0184

■ 146.7560, -3.3307,
-5.0480

■ 49.5820, -2.7519,
-4.0184

■ 173.0550, -3.4781,
-4.4332

■ 28.9950, -2.4625,
-3.5036

■ 200.7560, -3.3307,
-5.0480

■ 5.2830, -2.6045,
-4.6332

■ 228.6420, -3.7675,
-4.9480

■ 0.0000, 0.0000,
0.0000

■ 253.2340, -1.5944,
-1.9592

■ 96.1690, -3.0413,
-4.5332

■ 96.1690, -3.0413,
-4.5332

■ 92.3380, -6.0826,
-9.0664

■ 100.0000, 0.0000,
0.0000

■ 88.5070, -9.1240,
-13.5996

■ 103.8310, 3.0413,
4.5332

■ 84.6760, -12.1653,
-18.1329

■ 107.6620, 6.0826,
9.0664

■ 80.8450, -15.2066,
-22.6661

■ 111.4930, 9.1240,
13.5996

■ 77.0140, -18.2479,
-27.1993

■ 115.3240, 12.1653,
18.1329

■ 73.1830, -21.2892,
-31.7325

■ 119.1550, 15.2066,
22.6661

■ 69.3520, -24.3305,
-36.2657


■ 122.9860, 18.2479,
27.1993


■ 65.5210, -27.3719,

■ 126.8170, 21.2892,

-40.7989

31.7325

 61.6900, -30.4132,
-45.3321

 130.6480, 24.3305,
36.2657

Harmonies

Analogous

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



96.7460, -4.8048, 1.0998



96.1690, -3.0413, -4.5332



95.5320, -0.2623, -9.2366

Triad

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



96.1690, -3.0413, -4.5332



97.1500, 5.8420, -7.1476



98.6700, -2.7953, 9.9364

Complementary

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



96.1690, -3.0413, -4.5332



93.8310, 3.0413, 4.5332

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.



99.0550, -0.0271, 8.7218



96.1690, -3.0413, -4.5332



98.2540, 4.8048, -1.0998

Square

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



96.1690, -3.0413, -4.5332



95.9000, 4.9793, -10.4363



98.8310, 3.0413, 4.5332



98.5020, -4.6845, 9.2067

Rectangle

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



96.1690, -3.0413, -4.5332



95.5040, 2.2165, -10.9660



98.8310, 3.0413, 4.5332



98.8980, -1.9217, 9.7365

Sweetspot

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



96.1690, -3.0413, -4.5332



128.6470, -1.3050, -1.4444



98.2730, -4.0786, 1.5146



65.1740, -0.5788, -1.0296



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



96.1690, -3.0413, -4.5332



123.9900, -4.9251, -7.0072



96.3260, -1.1467, -5.5479



48.9350, -1.4470, -2.5740



70.7940, -34.9014, -52.4393



149.2300, -73.5704, -109.8267

Inverse Universe

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



93.8310, 3.0413, 4.5332



120.0100, 4.9251, 7.0072



93.6740, 1.1467, 5.5479



47.7660, 1.5944, 1.9592



43.9070, 35.0488, 51.8246



92.7700, 73.5704, 109.8267

Previews

White Background



This preview shows how the YUV color 96.1690, -3.0413, -4.5332 looks on a white background.

Color Contrast Check

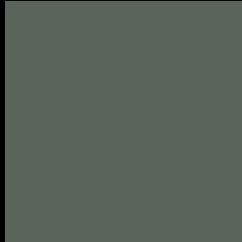
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.1690, -3.0413, -4.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

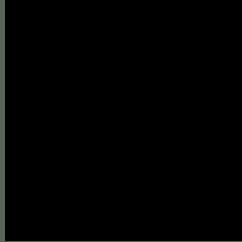
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

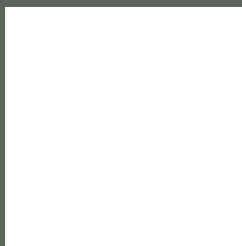
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.1690, -3.0413, -4.5332

Background



This preview shows how black text looks on a background with the YUV color 96.1690, -3.0413, -4.5332.



This preview shows how white text looks on a background with the YUV color 96.1690, -3.0413,

-4.5332.

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

96.1690, -3.0413, -4.5332

Protanopia

97.1700, -4.5208, 3.3589

Deuteranopia

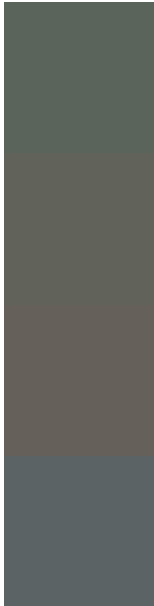
98.1430, -3.5215, 9.5216



Tritanopia

97.3030, 3.7946, -3.7737

Trichromacy



Original Color

96.1690, -3.0413, -4.5332

Protanomaly

96.6750, -3.7838, 0.2850

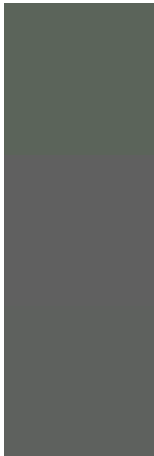
Deuteranomaly

97.2240, -3.0684, 4.1886

Tritanomaly

97.0210, 1.4686, -4.4034

Monochromacy



Original Color

96.1690, -3.0413, -4.5332

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1690, -3.0413, -4.5332 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(91, 100, 90)` looks like.

```
.text, #text, p{  
    color:rgb(91, 100, 90)  
}
```

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(91, 100, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 100, 90) }
```

Border

The CSS property to change the border of an element to YUV 96.1690, -3.0413, -4.5332 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(91, 100, 90) }
```


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

```
.border{ border-color:rgb(91, 100, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 100, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 100, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 100, 90);  
box-shadow:4px 4px 4px 4px rgb(91, 100,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 96.1690, -3.0413, -4.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 100, 90) }
```

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

```
.background{ background-color: rgb(91, 100,  
90) }
```

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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