

Converting Colors

YUV(52.3690, -16.4509, 3.1844)

Have a look what the booklet for
YUV(52.3690, -16.4509, 3.1844)
contains.

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Color

**YUV(52.3690, -16.4509,
3.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	383913
RGB	56, 57, 19
RGB Percent	22%, 22%, 7%
CMY	0.7804, 0.7765, 0.9255
CMYK	0.02, 0.00, 0.67, 0.78
HSL	62°, 50%, 15%
HSV	62°, 67%, 22%
XYZ	3.2116, 3.8140, 1.1830
YIQ	52.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

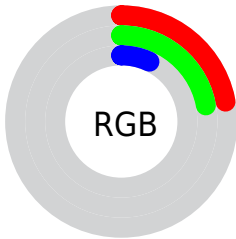
Format	Color
R_{YB}	19, 57, 20
Decimal	3684627
CIE Lab	23.05, -6.66, 23.03
CIE LCh	23, 23.969, 106.133
Yxy	3.8140, 0.3912, 0.4646
Android (android.graphics.Color)	4281874707 (0xFF383913)
YUV	52.3690, -16.4509, 3.1844
Hunter-Lab	19.5295, -4.8230, 10.0792

Details

The YUV color **52.3690, -16.4509, 3.1844** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.6310, 16.4509, -3.1844**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3260, -17.9087, 4.0991**, and **8.8050, -4.3409, -7.7220** is the 20% darker color. If you saturate the color by 10%, you get **51.6850, -19.0717, 3.7843**, and if you desaturate by 10%, it is **53.0530, -13.8301, 2.5845**.

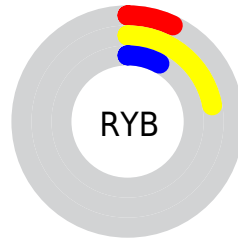
Distribution



Red (22%)

Green (22%)

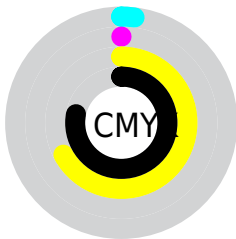
Blue (7%)



Red (7%)

Yellow (22%)

Blue (8%)

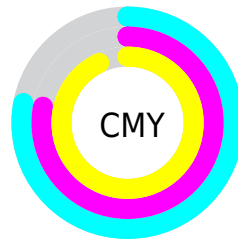


Cyan (2%)

Magenta (0%)

Yellow (67%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3690, -16.4509, 3.1844 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 52.3690, -16.4509, 3.1844 by changing the saturation by 10% instead.

■ 52.3690, -16.4509,
3.1844

■ 52.3690, -16.4509,
3.1844

■ 254.0880, -3.4944,
0.7998

■ 31.0100, -15.2879,
3.4992

■ 99.3260, -17.9087,
4.0991

■ 8.8050, -4.3409,
-7.7220

■ 124.5110,
-18.4929, 4.8139

■ 0.0000, 0.0000,
0.0000

■ 150.2830,
-19.3665, 5.0138


■ 177.1690,
-19.8033, 5.1138


■ 204.3540,
-20.3875, 5.8285


■ 232.6530,


-20.5349, 6.4433


 250.8960,
-15.7247, 3.5992


 52.3690, -16.4509,
3.1844


 52.3690, -16.4509,
3.1844


 51.6850, -19.0717,
3.7843


 53.0530, -13.8301,
2.5845


 51.1150, -21.2557,
4.2841


 53.6230, -11.6461,
2.0846

 50.4310, -23.8765,
4.8840

 54.3070, -9.0254,
1.4848

 49.9040, -24.6027,
4.4692

 55.2900, -6.5520,
1.4997

 55.9740, -3.9312,
0.8998

■ 56.5440, -1.7472,
0.3999

■ 57.2280, 0.8736,
-0.2000

■ 57.9120, 3.4944,
-0.7998

■ 58.4820, 5.6784,
-1.2997

Harmonies

Analogous

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



53.6310, -17.0731, 16.1096



52.3690, -16.4509, 3.1844



49.8770, -10.2924, -12.1701

Triad

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



52.3690, -16.4509, 3.1844



46.1010, 16.7122, -40.4306



56.4790, 3.7079, 24.1359

Complementary

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



52.3690, -16.4509, 3.1844



23.6310, 16.4509, -3.1844

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.



56.7530, 11.4608, 10.7406



52.3690, -16.4509, 3.1844



44.7790, 21.8010, -39.2712

Square

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



52.3690, -16.4509, 3.1844



44.8640, 9.4340, -39.3457



54.4020, 17.0568, -10.8766



55.3350, -4.6022, 29.5242

Rectangle

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



52.3690, -16.4509, 3.1844



46.6240, -3.2656, -25.9802



54.4020, 17.0568, -10.8766



56.5540, 6.6289, 20.5621

Sweetspot

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



52.3690, -16.4509, 3.1844



72.2900, -6.5520, 1.4997



30.9490, -5.8909, 22.8467



36.9740, -3.9312, 0.8998



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.



52.3690, -16.4509, 3.1844



66.6760, -25.4763, 4.6691



46.6880, -13.6502, -8.4964



27.6580, -1.3104, 0.2999



80.6150, -39.7432, 7.3536



192.5390, -94.9217, 18.8213

Inverse Universe

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



23.6310, 16.4509, -3.1844



22.0250, 25.6237, -5.2839



29.3120, 13.6502, 8.4964



25.3420, 1.3104, -0.2999



11.0860, 39.8906, -7.9684



26.7600, 94.7743, -18.2065

Previews

White Background



This preview shows how the YUV color 52.3690, -16.4509, 3.1844 looks on a white background.

Color Contrast Check

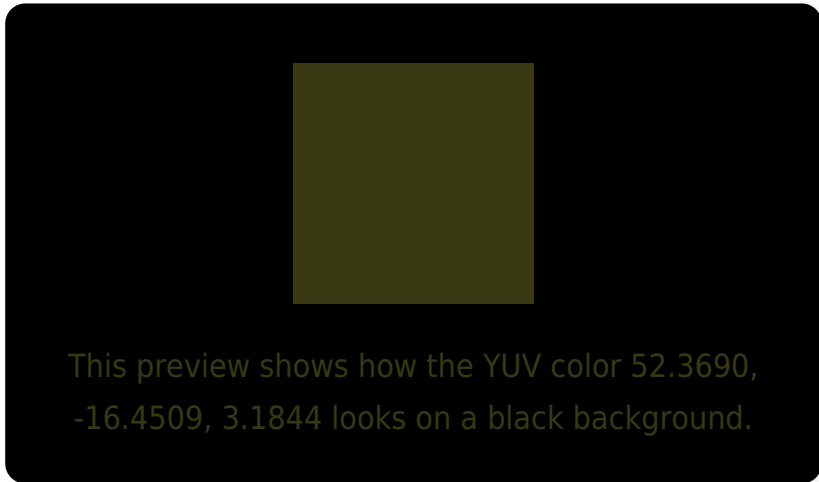
Large Text (above 18pt) WCAG AA ✓ Pass

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

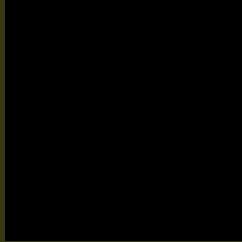
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

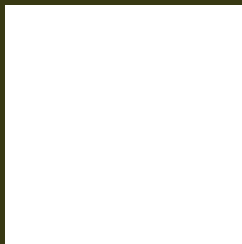
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.3690, -16.4509, 3.1844

Background



This preview shows how black text looks on a background with the YUV color 52.3690, -16.4509, 3.1844.



This preview shows how white text looks on a background with the YUV color 52.3690, -16.4509,

3.1844.

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

52.3690, -16.4509, 3.1844

Protanopia

52.9890, -16.7566, 7.9026

Deuteranopia

53.5490, -16.0467, 13.5505



Tritanopia

55.5490, 0.7153, 3.9035

Trichromacy



Original Color

52.3690, -16.4509, 3.1844

Protanomaly

52.9780, -16.7512, 6.1583

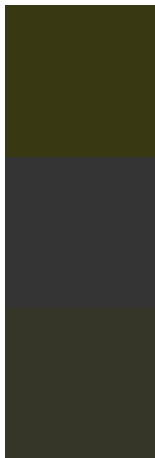
Deuteranomaly

53.1140, -16.3252, 9.5470

Tritanomaly

54.2410, -5.5418, 4.1736

Monochromacy



Original Color

52.3690, -16.4509, 3.1844

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3690, -16.4509, 3.1844 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(56, 57, 19)` looks like.

```
.text, #text, p{  
    color:rgb(56, 57, 19)  
}
```

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(56, 57, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 57, 19) }
```

Border

The CSS property to change the border of an element to YUV 52.3690, -16.4509, 3.1844 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(56, 57, 19) }
```


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

```
.border{ border-color:rgb(56, 57, 19) }
```

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

Here you see how a box with a 4 pixel rgb(56, 57, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 57, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 57, 19);  
box-shadow:4px 4px 4px 4px rgb(56, 57, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3690, -16.4509, 3.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 57, 19) }
```

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

```
.background{ background-color: rgb(56, 57,  
19) }
```

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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