

Converting Colors

YUV(59.9250, -23.1340, 0.0658)

Have a look what the booklet for
YUV(59.9250, -23.1340, 0.0658)
contains.

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Color

**YUV(59.9250, -23.1340,
0.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	3C450D
RGB	60, 69, 13
RGB Percent	24%, 27%, 5%
CMY	0.7647, 0.7294, 0.9490
CMYK	0.13, 0.00, 0.81, 0.73
HSL	70°, 68%, 16%
HSV	70°, 81%, 27%
XYZ	4.0642, 5.2460, 1.1791
YIQ	59.9250, 12.6120, -19.3240

Conversions

Conversions Part 2

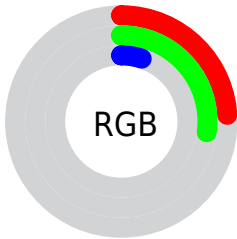
Format	Color
RYB	13, 69, 22
Decimal	3949837
CIELab	27.42, -12.33, 30.62
CIELCh	27, 33.010, 111.933
Yxy	5.2460, 0.3875, 0.5001
Android (android.graphics.Color)	4282139917 (0xFF3C450D)
YUV	59.9250, -23.1340, 0.0658
Hunter-Lab	22.9041, -8.4079, 12.9805

Details

The YUV color **59.9250, -23.1340, 0.0658** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.0750, 23.1340, -0.0658**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9960, -24.1550, 0.8805**, and **18.8390, -9.2876, -7.7518** is the 20% darker color. If you saturate the color by 10%, you get **58.8280, -26.0442, 0.1508**, and if you desaturate by 10%, it is **61.0220, -20.2238, -0.0193**.

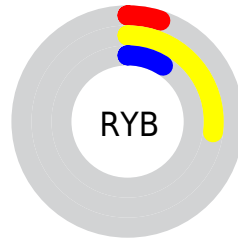
Distribution



 Red (24%)

 Green (27%)

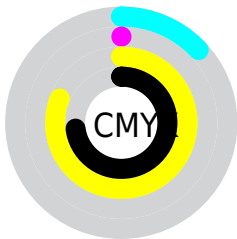
 Blue (5%)




 Red (5%)

 Yellow (27%)

 Blue (9%)

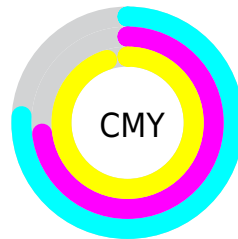


 Cyan (13%)


 Magenta (0%)

 Yellow (81%)

 Black (73%)



 Cyan (76%)

 Magenta (73%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9250, -23.1340, 0.0658 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 59.9250, -23.1340, 0.0658 by changing the saturation by 10% instead.

■ 59.9250, -23.1340,
0.0658

■ 59.9250, -23.1340,
0.0658

■ 253.7460, -4.8048,
1.0998

■ 38.9510, -19.2028,
-0.8340

■ 107.9960,
-24.1550, 0.8805

■ 18.8390, -9.2876,
-7.7518

■ 133.7680,
-25.0286, 1.0805

■ 0.0000, 0.0000,
0.0000

■ 159.9530,
-25.6128, 1.7952

■ 187.1380,
-26.1970, 2.5100

■ 214.9100,
-27.0706, 2.7099

■ 243.4970,

-27.3600, 2.1951

■ 250.5540,
-17.0351, 3.8991

■ 59.9250, -23.1340,
0.0658

■ 59.9250, -23.1340,
0.0658

■ 58.8280, -26.0442,
0.1508

■ 61.0220, -20.2238,
-0.0193

■ 57.8450, -28.5176,
0.1359

■ 62.1190, -17.3137,
-0.1044

■ 63.2160, -14.4035,
-0.1894

■ 64.3130, -11.4933,
-0.2745

■ 65.5950, -9.1673,
0.3552

■ 66.6920, -6.2572,
0.2701

■ 67.7890, -3.3470,
0.1850

■ 68.8860, -0.4368,
0.1000

■ 69.9830, 2.4734,
0.0149

Harmonies

Analogous

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



62.0630, -25.6671, 19.2387



59.9250, -23.1340, 0.0658



55.4580, -11.5648, -24.0807

Triad

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



59.9250, -23.1340, 0.0658



55.8810, 23.7227, -49.0076



64.9690, 3.9593, 36.8612

Complementary

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



59.9250, -23.1340, 0.0658



22.0750, 23.1340, -0.0658

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.



66.9050, 14.3438, 19.3773



59.9250, -23.1340, 0.0658



54.2000, 29.9744, -47.5334

Square

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



59.9250, -23.1340, 0.0658



54.6610, 13.9711, -47.9377



64.4220, 23.4560, -10.0171



63.4890, -8.1291, 40.7901

Rectangle

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



59.9250, -23.1340, 0.0658



50.0840, -1.0274, -43.9237



64.4220, 23.4560, -10.0171



65.8590, 7.4645, 32.5727

Sweetspot

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



59.9250, -23.1340, 0.0658



85.7090, -8.7305, 0.2552



34.4400, -10.5699, 30.3091



43.9200, -5.3836, 0.0702



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.9250, -23.1340, 0.0658



75.0100, -35.5009, -0.0088



51.8520, -19.1540, -16.5332



35.2450, -1.5998, -0.2149



82.9300, -40.8845, 0.0614



190.0590, -93.6991, -0.0517

Inverse Universe

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



22.0750, 23.1340, -0.0658



16.9900, 35.5009, 0.0088



30.1480, 19.1540, 16.5332



32.7550, 1.5998, 0.2149



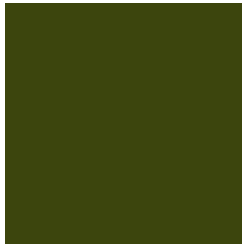
16.0700, 40.8845, -0.0614



36.6420, 93.8465, -0.5630

Previews

White Background



This preview shows how the YUV color 59.9250, -23.1340, 0.0658 looks on a white background.

Color Contrast Check

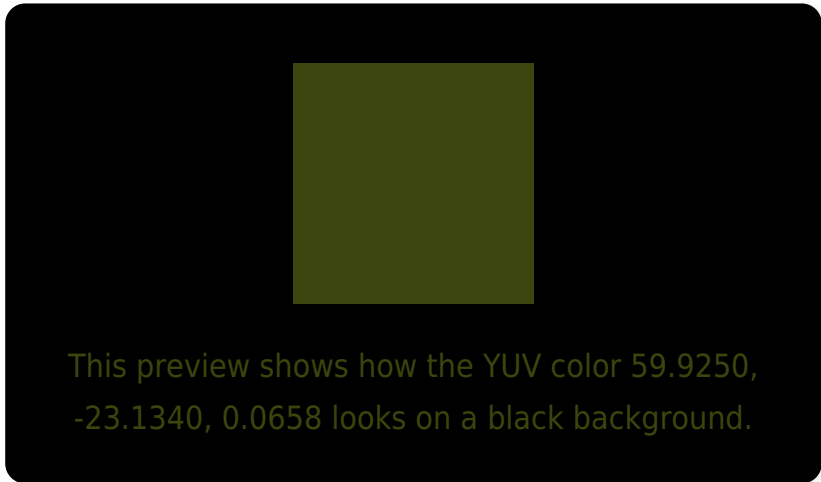
Large Text (above 18pt) WCAG AA ✓ Pass

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

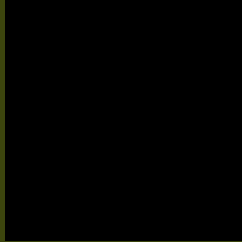
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9250, -23.1340, 0.0658

Background



This preview shows how black text looks on a background with the YUV color 59.9250, -23.1340, 0.0658.



This preview shows how white text looks on a background with the YUV color 59.9250, -23.1340,

0.0658.

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

59.9250, -23.1340, 0.0658

Protanopia

61.3500, -24.3296, 10.2170

Deuteranopia

62.5510, -22.4566, 16.1798



Tritanopia

64.8690, 2.0366, 0.1149

Trichromacy



Original Color

59.9250, -23.1340, 0.0658

Protanomaly

60.4420, -23.8819, 6.6284

Deuteranomaly

61.8060, -22.5824, 9.8171

Tritanomaly

63.1650, -6.9833, -0.1447

Monochromacy



Original Color

59.9250, -23.1340, 0.0658

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9250, -23.1340, 0.0658 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(60, 69, 13)` looks like.

```
.text, #text, p{  
    color:rgb(60, 69, 13)  
}
```

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(60, 69, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 69, 13) }
```

Border

The CSS property to change the border of an element to YUV 59.9250, -23.1340, 0.0658 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(60, 69, 13) }
```


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

```
.border{ border-color:rgb(60, 69, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 69, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 69, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 69, 13);  
box-shadow:4px 4px 4px 4px rgb(60, 69, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9250, -23.1340, 0.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 69, 13) }
```

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

```
.background{ background-color: rgb(60, 69,  
13) }
```

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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