

Converting Colors

YUV(95.3650, -23.8439, -5.5821)

Have a look what the booklet for
YUV(95.3650, -23.8439, -5.5821)
contains.

YUV(95.3650, -23.8439, -5.5821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.3650, -23.8439,
-5.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	596C2F
RGB	89, 108, 47
RGB Percent	35%, 42%, 18%
CMY	0.6510, 0.5765, 0.8157
CMYK	0.18, 0.00, 0.56, 0.58
HSL	79°, 39%, 30%
HSV	79°, 56%, 42%
XYZ	9.9955, 13.0542, 4.6822
YIQ	95.3650, 8.2570, -22.9990

Conversions

Conversions Part 2

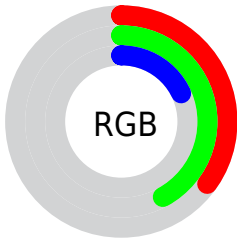
Format	Color
RYB	47, 108, 66
Decimal	5860399
CIELab	42.84, -17.63, 31.39
CIELCh	43, 36.002, 119.329
Yxy	13.0542, 0.3604, 0.4707
Android (android.graphics.Color)	4284050479 (0xFF596C2F)
YUV	95.3650, -23.8439, -5.5821
Hunter-Lab	36.1306, -13.8468, 17.6079

Details

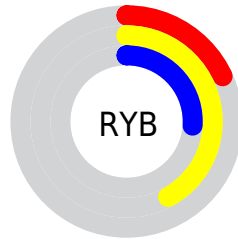
The YUV color **95.3650, -23.8439, -5.5821** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.6350, 23.8439, 5.5821**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0230, -25.1543, -5.2822**, and **47.4790, -23.4071, -5.6821** is the 20% darker color. If you saturate the color by 10%, you get **93.2140, -28.2065, -6.3267**, and if you desaturate by 10%, it is **97.5160, -19.4814, -4.8375**.

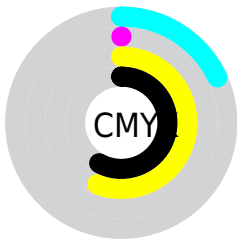
Distribution



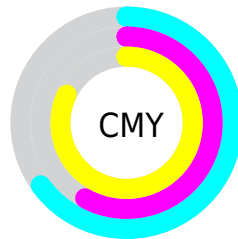
- Red (35%)
- Green (42%)
- Blue (18%)



- Red (18%)
- Yellow (42%)
- Blue (26%)



- Cyan (18%)
- Magenta (0%)
- Yellow (56%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3650, -23.8439, -5.5821 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 95.3650, -23.8439, -5.5821 by changing the saturation by 10% instead.

■ 95.3650, -23.8439,
-5.5821

■ 95.3650, -23.8439,
-5.5821

255.0000, 0.0000,
0.0000

■ 71.4790, -23.4071,
-5.6821

■ 146.0230,
-25.1543, -5.2822

■ 47.4790, -23.4071,
-5.6821

■ 172.7950,
-26.0279, -5.0822

■ 28.5740, -14.0870,
-8.3964

■ 200.5670,
-26.9015, -4.8823

■ 10.5660, -5.2090,
-9.2664

■ 229.0400,
-27.6277, -5.2971

■ 0.0000, 0.0000,
0.0000

■ 247.9470,
-23.1449, 3.5545

■ 252.0360,

-11.3567, 2.5994

■ 95.3650, -23.8439,
-5.5821

■ 95.3650, -23.8439,
-5.5821

■ 93.2140, -28.2065,
-6.3267

■ 97.5160, -19.4814,
-4.8375

■ 90.7640, -32.4217,
-7.6860

■ 99.9660, -15.2662,
-3.4782

■ 88.7270, -36.3474,
-8.5306

■ 102.0030,
-11.3405, -2.6336

■ 86.5760, -40.7100,
-9.2752

■ 104.1540, -6.9779,
-1.8891

■ 85.5220, -42.1623,
-10.1048

■ 106.6040, -2.7628,
-0.5297

■ 108.7550, 1.5998,
0.2149

■ 111.2050, 5.8149,
1.5742

■ 113.2420, 9.7407,
2.4188

■ 115.3930, 14.1033,
3.1633

Harmonies

Analogous

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



98.1400, -29.1560, 18.2942



95.3650, -23.8439, -5.5821



89.8480, -9.7851, -34.9467

Triad

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



95.3650, -23.8439, -5.5821



83.0720, 33.9815, -72.8541



102.6990, 0.1484, 45.8680

Complementary

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



95.3650, -23.8439, -5.5821



59.6350, 23.8439, 5.5821

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.



104.1450, 13.7325, 28.8138



95.3650, -23.8439, -5.5821



92.4330, 33.3105, -44.2297

Square

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



95.3650, -23.8439, -5.5821



82.7980, 22.7776, -72.6138



103.1180, 24.5918, -0.9805



101.1540, -13.3869, 47.2229

Rectangle

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



95.3650, -23.8439, -5.5821



78.2380, 5.3057, -68.6147



103.1180, 24.5918, -0.9805



103.2300, 4.8166, 41.8943

Sweetspot

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



95.3650, -23.8439, -5.5821



135.1710, -9.4513, -1.9040



75.8050, -14.2009, 28.2350



68.2080, -5.5255, -1.0594



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



95.3650, -23.8439, -5.5821



120.4990, -37.2210, -8.3306



86.3950, -19.4217, -24.0254



52.7180, -2.3260, -0.6297



92.8980, -45.7987, -10.4345



194.3460, -95.8126, -22.2284

Inverse Universe

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



59.6350, 23.8439, 5.5821



64.8000, 37.0736, 8.9454



68.6050, 19.4217, 24.0254



49.2820, 2.3260, 0.6297



24.4010, 45.6513, 11.0493



50.6540, 95.8126, 22.2284

Previews

White Background



This preview shows how the YUV color 95.3650, -23.8439, -5.5821 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 95.3650, -23.8439, -5.5821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

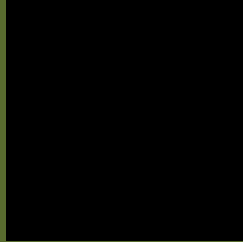
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.3650, -23.8439, -5.5821

Background



This preview shows how black text looks on a background with the YUV color 95.3650, -23.8439, -5.5821.



This preview shows how white text looks on a background with the YUV color 95.3650, -23.8439, -5.5821.

-5.5821.

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

95.3650, -23.8439, -5.5821

Protanopia

97.9050, -26.0822, 12.3613

Deuteranopia

99.1280, -24.2201, 21.8127



Tritanopia

100.7160, 4.0840, -3.2589

Trichromacy



Original Color

95.3650, -23.8439, -5.5821

Protanomaly

97.3880, -25.3343, 5.7987

Deuteranomaly

97.4750, -23.8982, 11.8614

Tritanomaly

98.9580, -6.3883, -4.3482

Monochromacy



Original Color

95.3650, -23.8439, -5.5821

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.3990, -8.5777, -2.1039

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3650, -23.8439, -5.5821 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(89, 108, 47)` looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 47)  
}
```

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(89, 108, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 47) }
```

Border

The CSS property to change the border of an element to YUV 95.3650, -23.8439, -5.5821 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(89, 108, 47) }
```


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

```
.border{ border-color:rgb(89, 108, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 108, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 47);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 95.3650, -23.8439, -5.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 47) }
```

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

```
.background{ background-color: rgb(89, 108,  
47) }
```

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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