

# Converting Colors

YUV(74.4350, -23.3855,  
-12.6595)

Have a look what the booklet for  
YUV(74.4350, -23.3855, -12.6595)  
contains.

|  |    |
|--|----|
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# Color

**YUV(74.4350, -23.3855,  
-12.6595)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 3C5B1B                    |
| RGB         | 60, 91, 27                |
| RGB Percent | 24%, 36%, 11%             |
| CMY         | 0.7647, 0.6431, 0.8941    |
| CMYK        | 0.34, 0.00, 0.70, 0.64    |
| HSL         | 89°, 54%, 23%             |
| HSV         | 89°, 70%, 36%             |
| XYZ         | 5.8024, 8.5220, 2.3760    |
| YIQ         | 74.4350, 2.0680, -26.4760 |

# Conversions

## Conversions Part 2

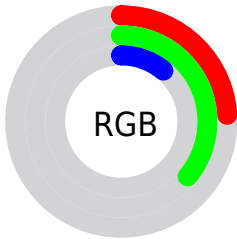
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 27, 91, 58                     |
| Decimal                             | 3955483                        |
| CIE Lab                             | 35.05, -23.15, 32.12           |
| CIE LCh                             | 35, 39.599, 125.784            |
| Yxy                                 | 8.5220, 0.3474,<br>0.5103      |
| Android<br>(android.graphics.Color) | 4282145563<br>(0xFF3C5B1B)     |
| YUV                                 | 74.4350, -23.3855,<br>-12.6595 |
| Hunter-Lab                          | 29.1924, -15.6073,<br>15.6090  |

# Details

The YUV color **74.4350, -23.3855, -12.6595** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.5650, 23.3855, 12.6595**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0930, -24.6958, -12.3596**, and **30.3020, -14.9389, -15.1739** is the 20% darker color. If you saturate the color by 10%, you get **72.2130, -26.7270, -14.2188**, and if you desaturate by 10%, it is **76.6570, -20.0439, -11.1002**.

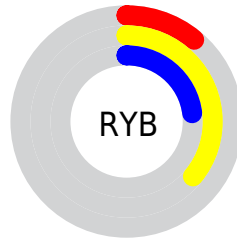
# Distribution



Red (24%)

Green (36%)

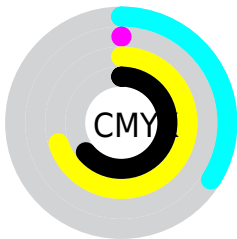
Blue (11%)



Red (11%)

Yellow (36%)

Blue (23%)

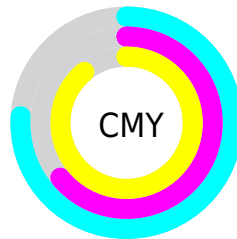


Cyan (34%)

Magenta (0%)

Yellow (70%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.4350, -23.3855, -12.6595 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 74.4350, -23.3855, -12.6595 by changing the saturation by 10% instead.



■ 74.4350, -23.3855,  
-12.6595

■ 74.4350, -23.3855,  
-12.6595

255.0000, 0.0000,  
0.0000

■ 50.3210, -23.8223,  
-12.5595

■ 124.0930,  
-24.6958, -12.3596

■ 30.3020, -14.9389,  
-15.1739

■ 150.5660,  
-25.4220, -12.7744

■ 15.2620, -7.5242,  
-13.3848

■ 177.3380,  
-26.2956, -12.5744

■ 0.0000, 0.0000,  
0.0000

■ 204.9250,  
-26.5850, -13.0892

■ 233.6970,  
-27.4586, -12.8893

■ 246.9080,

-20.6606, 0.0807

252.6060, -9.1728,  
2.0995

74.4350, -23.3855,  
-12.6595

74.4350, -23.3855,  
-12.6595

72.2130, -26.7270,  
-14.2188

76.6570, -20.0439,  
-11.1002

69.6920, -29.9212,  
-16.3929

79.1780, -16.8498,  
-8.9261

67.4700, -33.2627,  
-17.9522

81.4000, -13.5082,  
-7.3668

83.9210, -10.3141,  
-5.1927

86.2570, -6.5357,  
-3.7334

■ 88.4790, -3.1941,  
-2.1741

■ 91.0000, 0.0000,  
0.0000

■ 93.2220, 3.3416,  
1.5593

■ 95.7430, 6.5357,  
3.7334

# Harmonies

## Analogous

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



77.7820, -32.9235, 13.3462



74.4350, -23.3855, -12.6595



62.6220, -3.7576, -54.9195

# Triad

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



74.4350, -23.3855, -12.6595



70.5510, 34.2384, -61.8732



80.9770, -1.4677, 50.8862

# Complementary

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



74.4350, -23.3855, -12.6595



43.5650, 23.3855, 12.6595

# 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.



83.8470, 12.4004, 36.0912



74.4350, -23.3855, -12.6595



70.9210, 36.5209, -47.2887

# Square

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



74.4350, -23.3855, -12.6595



70.5050, 23.9080, -61.8329



84.1620, 24.5701, 5.9969



80.6550, -16.5919, 48.5376



# Rectangle

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



74.4350, -23.3855, -12.6595



65.7170, 5.5625, -57.6338



84.1620, 24.5701, 5.9969



82.1060, 2.9057, 48.1420

# Sweetspot

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



74.4350, -23.3855, -12.6595



110.6760, -8.7143, -4.9779



64.3330, -18.4052, 23.3870



55.1970, -5.5201, -2.8038



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000



# Same Dimension

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



74.4350, -23.3855, -12.6595



91.7750, -35.8781, -19.0967



64.8670, -18.6684, -32.3324



44.8320, -1.8892, -0.7297



81.6130, -40.2352, -21.5856



175.5970, -86.5693, -47.0046



# Inverse Universe

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



43.5650, 23.3855, 12.6595



44.2250, 35.8781, 19.0967



53.1330, 18.6684, 32.3324



42.4670, 1.7418, 1.3444



28.3870, 40.2352, 21.5856



61.4030, 86.5693, 47.0046



# Previews

## White Background



This preview shows how the YUV color 74.4350, -23.3855, -12.6595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

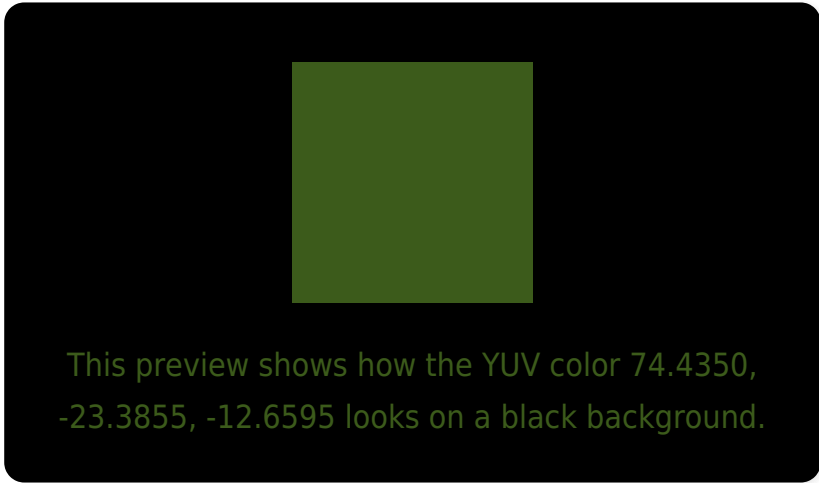
Any Text WCAG AA ✓ Pass

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

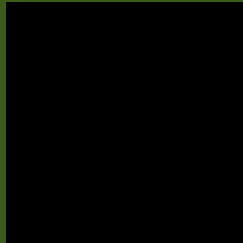
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.4350, -23.3855, -12.6595

## Background



This preview shows how black text looks on a background with the YUV color 74.4350, -23.3855, -12.6595.



This preview shows how white text looks on a background with the YUV color 74.4350, -23.3855, -12.6595.

-12.6595.

# 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

74.4350, -23.3855, -12.6595

### Protanopia

78.4920, -26.3716, 11.8465

### Deuteranopia

79.9320, -23.6305, 19.3536



## Tritanopia

81.0140, 5.4161, -10.5363

# Trichromacy



## Original Color

74.4350, -23.3855, -12.6595

## Protanomaly

76.7790, -25.0340, 2.8248

## Deuteranomaly

78.1540, -23.7399, 7.7579

## Tritanomaly

78.5550, -5.2036, -11.0107

# Monochromacy



## Original Color

74.4350, -23.3855, -12.6595

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.0890, -8.4249, -4.4631

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.4350, -23.3855, -12.6595 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, 91, 27)` looks like.

```
.text, #text, p{  
    color:rgb(60, 91, 27)  
}
```

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, 91, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 91, 27) }
```

## Border

The CSS property to change the border of an element to YUV 74.4350, -23.3855, -12.6595 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, 91, 27) }
```



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

```
.border{ border-color:rgb(60, 91, 27) }
```

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

Here you see how a box with a 4 pixel rgb(60, 91, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 91, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 91, 27);  
box-shadow:4px 4px 4px 4px rgb(60, 91, 27)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.4350, -23.3855, -12.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 91, 27) }
```

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

```
.background{ background-color: rgb(60, 91,  
27) }
```

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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