

Converting Colors

YUV(55.1350, -14.8566, 5.1436)

Have a look what the booklet for
YUV(55.1350, -14.8566, 5.1436)
contains.

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Color

**YUV(55.1350, -14.8566,
5.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3A19
RGB	61, 58, 25
RGB Percent	24%, 23%, 10%
CMY	0.7608, 0.7725, 0.9020
CMYK	0.00, 0.05, 0.59, 0.76
HSL	55°, 42%, 17%
HSV	55°, 59%, 24%
XYZ	3.6130, 4.0884, 1.5184
YIQ	55.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

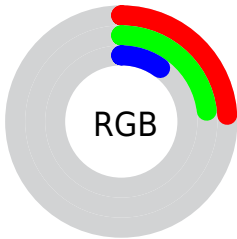
Format	Color
R_{YB}	28, 61, 25
Decimal	4012569
CIE Lab	23.96, -4.13, 20.76
CIE LCh	24, 21.166, 101.254
Yxy	4.0884, 0.3919, 0.4434
Android (android.graphics.Color)	4282202649 (0xFF3D3A19)
YUV	55.1350, -14.8566, 5.1436
Hunter-Lab	20.2198, -3.4892, 9.7014

Details

The YUV color **55.1350, -14.8566, 5.1436** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.8650, 14.8566, -5.1436**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3910, -16.4618, 6.6731**, and **12.6810, -6.2517, -1.4742** is the 20% darker color. If you saturate the color by 10%, you get **53.8640, -17.1880, 6.2583**, and if you desaturate by 10%, it is **56.4060, -12.5252, 4.0289**.

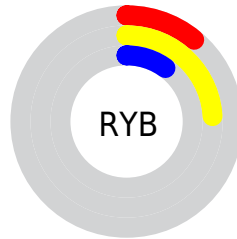
Distribution



 Red (24%)

 Green (23%)

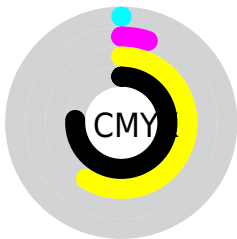
 Blue (10%)



 Red (11%)

 Yellow (24%)

 Blue (10%)

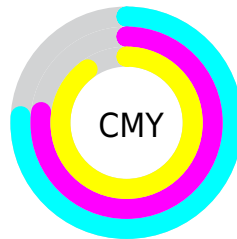


 Cyan (0%)

 Magenta (5%)

 Yellow (59%)

 Black (76%)



 Cyan (76%)

 Magenta (77%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1350, -14.8566, 5.1436 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 55.1350, -14.8566, 5.1436 by changing the saturation by 10% instead.

■ 55.1350, -14.8566,
5.1436

■ 55.1350, -14.8566,
5.1436

■ 254.8860, -0.4368,
0.1000

■ 32.7930, -16.1669,
5.4435

■ 102.3910,
-16.4618, 6.6731

■ 12.6810, -6.2517,
-1.4742

■ 127.2770,
-16.8986, 6.7731

■ 0.0000, 0.0000,
0.0000


■ 153.4620,
-17.4828, 7.4878


■ 180.3480,
-17.9196, 7.5878


■ 207.5330,
-18.5038, 8.3026


■ 236.4190,


-18.9406, 8.4025


 251.6940,
-12.6671, 2.8994


 55.1350, -14.8566,
5.1436


 55.1350, -14.8566,
5.1436


 53.8640, -17.1880,
6.2583


 56.4060, -12.5252,
4.0289


 53.1800, -19.8087,
6.8581


 57.0900, -9.9044,
3.4291


 51.9090, -22.1401,
7.9728

 58.3610, -7.5730,
2.3144

 51.2250, -24.7609,
8.5727

 59.0450, -4.9522,
1.7145

 51.1110, -25.1977,
8.6727

 60.4300, -2.1840,
0.4999

■ 61.1140, 0.4368,
-0.1000

■ 62.3850, 2.7682,
-1.2146

■ 63.0690, 5.3890,
-1.8145

■ 64.3400, 7.7204,
-2.9292

Harmonies

Analogous

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



56.6140, -14.5997, 16.1245



55.1350, -14.8566, 5.1436



53.1980, -10.4506, -8.0666

Triad

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



55.1350, -14.8566, 5.1436



46.3460, 15.1124, -40.6454



58.3860, 4.7397, 19.8325

Complementary

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



55.1350, -14.8566, 5.1436



30.8650, 14.8566, -5.1436

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.



58.9050, 10.8928, 6.2223



55.1350, -14.8566, 5.1436



46.6220, 19.9064, -38.2565

Square

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



55.1350, -14.8566, 5.1436



45.3370, 8.7079, -39.7605



56.0490, 15.7518, -12.3210



57.7690, -2.8441, 25.6356

Rectangle

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



55.1350, -14.8566, 5.1436



51.2120, -5.0345, -18.6029



56.0490, 15.7518, -12.3210



58.9340, 6.9345, 15.8439

Sweetspot

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



55.1350, -14.8566, 5.1436



76.8170, -5.8258, 1.9145



36.1060, -3.9963, 21.8320



39.3870, -3.6418, 1.4146



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



55.1350, -14.8566, 5.1436



69.6810, -23.0137, 8.1728



52.4110, -13.5136, -5.6224



30.0710, -1.0210, 0.8147



78.5880, -38.7439, 13.5163



185.5390, -91.4707, 31.9763

Inverse Universe

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



30.8650, 14.8566, -5.1436



32.3190, 23.0137, -8.1728



33.5890, 13.5136, 5.6224



28.3420, 1.3104, -0.2999



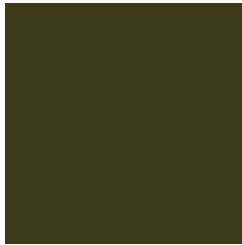
15.4120, 38.7439, -13.5163



35.8740, 91.7601, -31.4615

Previews

White Background



This preview shows how the YUV color 55.1350, -14.8566, 5.1436 looks on a white background.

Color Contrast Check

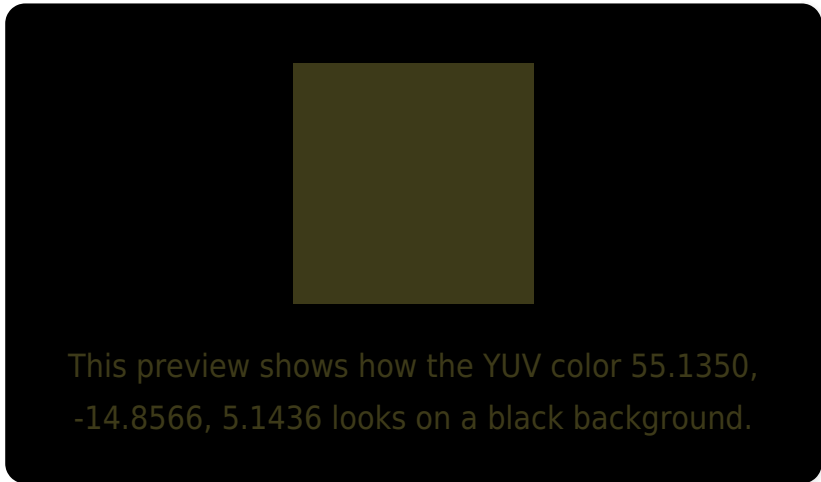
Large Text (above 18pt) WCAG AA ✓ Pass

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

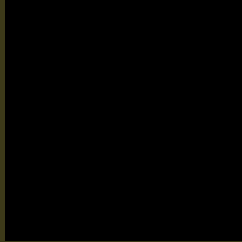
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.1350, -14.8566, 5.1436

Background



This preview shows how black text looks on a background with the YUV color 55.1350, -14.8566, 5.1436.

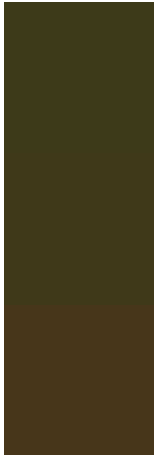


This preview shows how white text looks on a background with the YUV color 55.1350, -14.8566,

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

55.1350, -14.8566, 5.1436

Protanopia

55.1460, -14.8620, 6.8880

Deuteranopia

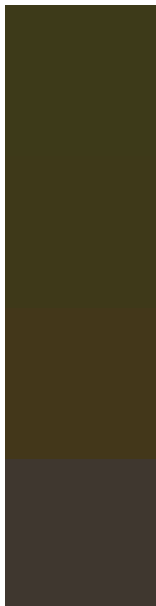
55.8910, -14.7363, 13.2506



Tritanopia

57.5600, 0.7099, 5.6479

Trichromacy



Original Color

55.1350, -14.8566, 5.1436

Protanomaly

54.8470, -14.7146, 6.2732

Deuteranomaly

55.2820, -14.4360, 10.2767

Tritanomaly

56.4800, -4.6736, 5.7180

Monochromacy



Original Color

55.1350, -14.8566, 5.1436

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1350, -14.8566, 5.1436 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(61, 58, 25)` looks like.

```
.text, #text, p{  
    color:rgb(61, 58, 25)  
}
```

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(61, 58, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 58, 25) }
```

Border

The CSS property to change the border of an element to YUV 55.1350, -14.8566, 5.1436 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(61, 58, 25) }
```


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

```
.border{ border-color:rgb(61, 58, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 58, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 58, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 58, 25);  
box-shadow:4px 4px 4px 4px rgb(61, 58, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1350, -14.8566, 5.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 58, 25) }
```

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

```
.background{ background-color: rgb(61, 58,  
25) }
```

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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