

Converting Colors

YUV(41.5350, -14.5608,
50.3968)

Have a look what the booklet for
YUV(41.5350, -14.5608, 50.3968)
contains.

YUV(41.5350, -14.5608, 50.3968)	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(41.5350, -14.5608,
50.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	63120C
RGB	99, 18, 12
RGB Percent	39%, 7%, 5%
CMY	0.6118, 0.9294, 0.9529
CMYK	0.00, 0.82, 0.88, 0.61
HSL	4°, 78%, 22%
HSV	4°, 88%, 39%
XYZ	5.4283, 3.1118, 0.6624
YIQ	41.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

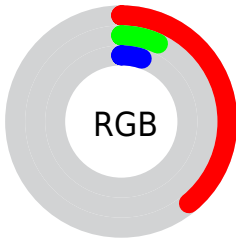
Format	Color
R_YB	99, 18, 12
Decimal	6492684
CIE Lab	20.49, 35.28, 25.85
CIE LCh	20, 43.737, 36.226
Yxy	3.1118, 0.5899, 0.3382
Android (android.graphics.Color)	4284682764 (0xFF63120C)
YUV	41.5350, -14.5608, 50.3968
Hunter-Lab	17.6403, 24.0573, 10.1220

Details

The YUV color **41.5350, -14.5608, 50.3968** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **69.4650, 14.5608, -50.3968**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4170, -18.9396, 54.8853**, and **14.1670, -6.4913, 28.7945** is the 20% darker color. If you saturate the color by 10%, you get **35.1120, -16.3242, 56.0298**, and if you desaturate by 10%, it is **47.9580, -12.7973, 44.7638**.

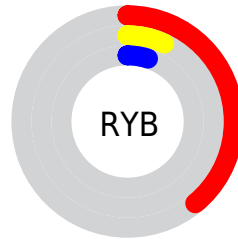
Distribution



Red (39%)

Green (7%)

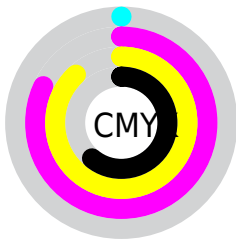
Blue (5%)



Red (39%)

Yellow (7%)

Blue (5%)

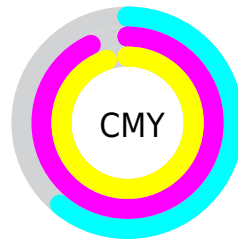


Cyan (0%)

Magenta (82%)

Yellow (88%)

Black (61%)



Cyan (61%)


Magenta (93%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 41.5350, -14.5608, 50.3968 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 41.5350, -14.5608, 50.3968 by changing the saturation by 10% instead.


 41.5350, -14.5608,
50.3968

 41.5350, -14.5608,
50.3968

 252.8340, -8.2992,
1.8996


 21.5280, -10.6133,
44.2639


 93.4170, -18.9396,
54.8853


 14.1670, -6.4913,
28.7945

 119.3850,
-20.4028, 57.5444

 0.0000, 0.0000,
0.0000

 146.3530,
-21.8660, 60.2034

 173.4350,
-22.8925, 62.7625

 195.2380,
-20.8233, 52.4113

 214.7520,

-17.1327, 35.2975

■ 234.3800,
-13.0053, 18.0837

■ 41.5350, -14.5608,
50.3968

■ 41.5350, -14.5608,
50.3968

■ 35.1120, -16.3242,
56.0298

■ 47.9580, -12.7973,
44.7638

■ 33.7100, -16.6190,
57.2593

■ 54.3810, -11.0338,
39.1309

■ 61.3910, -9.5598,
32.9831

■ 67.8140, -7.7963,
27.3501

■ 74.2370, -6.0328,
21.7172

■ 80.5460, -4.7062,
16.1842

■ 87.5560, -3.2321,
10.0364

■ 93.9790, -1.4686,
4.4034

■ 100.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



36.1120, 3.8888, 59.5378



41.5350, -14.5608, 50.3968



46.8240, -23.0842, 30.8494

Triad

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



41.5350, -14.5608, 50.3968



38.2010, -8.4801, -33.5023



43.5200, 34.7466, -38.1670

Complementary

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



41.5350, -14.5608, 50.3968



69.4650, 14.5608, -50.3968

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.



47.6460, 30.2475, -41.7855



41.5350, -14.5608, 50.3968



43.2510, 5.7923, -37.9311

Square

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



41.5350, -14.5608, 50.3968



40.6240, -20.0276, -16.3332



46.8990, 19.7698, -41.1304



50.0910, 25.5911, 5.1822

Rectangle

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



41.5350, -14.5608, 50.3968



47.0240, -23.1828, 15.7650



46.8990, 19.7698, -41.1304



45.2810, 33.8785, -39.7114

Sweetspot

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



41.5350, -14.5608, 50.3968



105.9270, -5.8800, 19.3580



47.2470, 22.5562, 45.3874



50.5670, -3.2375, 11.7807



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



41.5350, -14.5608, 50.3968



43.5550, -21.4726, 74.0583



66.7760, -27.0046, 28.2604



45.1960, -0.5896, 2.4591



38.1840, -18.8247, 64.7366



81.7390, -40.2973, 138.7949

Inverse Universe

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



69.4650, 14.5608, -50.3968



84.4450, 21.4726, -74.0583



44.2240, 27.0046, -28.2604



46.8040, 0.5896, -2.4591



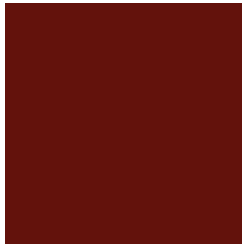
73.8160, 18.8247, -64.7366



158.2610, 40.2973, -138.7949

Previews

White Background



This preview shows how the YUV color 41.5350, -14.5608, 50.3968 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

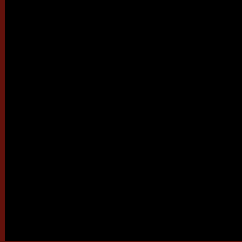
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5350, -14.5608, 50.3968

Background



This preview shows how black text looks on a background with the YUV color 41.5350, -14.5608, 50.3968.

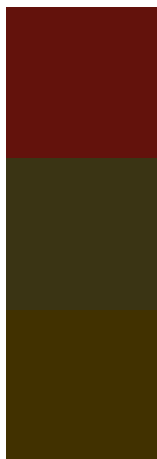


This preview shows how white text looks on a background with the YUV color 41.5350, -14.5608,

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

41.5350, -14.5608, 50.3968

Protanopia

50.1460, -14.8620, 6.8880

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

41.5180, -12.0874, 50.4117

Trichromacy



Original Color

41.5350, -14.5608, 50.3968

Protanomaly

47.2450, -14.9108, 22.5871

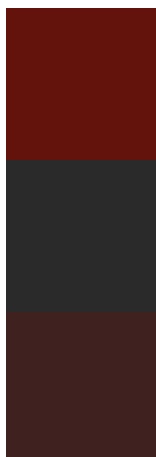
Deuteranomaly

45.7850, -20.6000, 27.3756

Tritanomaly

41.2900, -12.9610, 50.6117

Monochromacy



Original Color

41.5350, -14.5608, 50.3968

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7420, -5.2958, 18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5350, -14.5608, 50.3968 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(99, 18, 12)` looks like.

```
.text, #text, p{  
    color:rgb(99, 18, 12)  
}
```

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(99, 18, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 18, 12) }
```

Border

The CSS property to change the border of an element to YUV 41.5350, -14.5608, 50.3968 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(99, 18, 12) }
```


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

```
.border{ border-color:rgb(99, 18, 12) }
```

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

Here you see how a box with a 4 pixel rgb(99, 18, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 18, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 18, 12);  
box-shadow:4px 4px 4px 4px rgb(99, 18, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.5350, -14.5608, 50.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 18, 12) }
```

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

```
.background{ background-color: rgb(99, 18,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor