

Converting Colors

YUV(54.2410, -5.5418, 4.1736)

Have a look what the booklet for
YUV(54.2410, -5.5418, 4.1736)
contains.

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Color

**YUV(54.2410, -5.5418,
4.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	3B362B
RGB	59, 54, 43
RGB Percent	23%, 21%, 17%
CMY	0.7686, 0.7882, 0.8314
CMYK	0.00, 0.08, 0.27, 0.77
HSL	41°, 16%, 20%
HSV	41°, 27%, 23%
XYZ	3.5588, 3.7426, 2.8203
YIQ	54.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

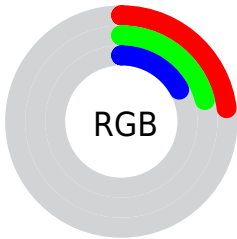
Format	Color
R_{YB}	50, 59, 43
Decimal	3880491
CIE _{Lab}	22.80, 0.03, 7.72
CIE _{LCh}	23, 7.723, 89.808
Yxy	3.7426, 0.3516, 0.3698
Android (android.graphics.Color)	4282070571 (0xFF3B362B)
YUV	54.2410, -5.5418, 4.1736
Hunter-Lab	19.3457, -1.0180, 4.8984

Details

The YUV color **54.2410, -5.5418, 4.1736** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.7590, 5.5418, -4.1736**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0130, -6.4154, 4.3736**, and **10.3550, -5.1050, 4.0737** is the 20% darker color. If you saturate the color by 10%, you get **52.3830, -7.5838, 5.8031**, and if you desaturate by 10%, it is **56.0990, -3.4998, 2.5442**.

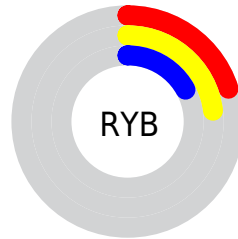
Distribution



Red (23%)

Green (21%)

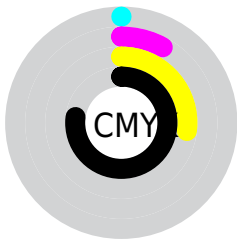
Blue (17%)



Red (20%)

Yellow (23%)

Blue (17%)

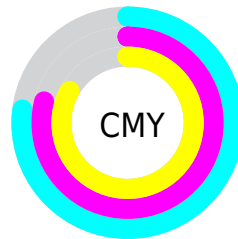


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (77%)



Cyan (77%)

Magenta (79%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2410, -5.5418, 4.1736 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 54.2410, -5.5418, 4.1736 by changing the saturation by 10% instead.

■ 54.2410, -5.5418,
4.1736

■ 54.2410, -5.5418,
4.1736

■ 255.0000, 0.0000,
0.0000

■ 33.0560, -4.9576,
3.4589

■ 101.0130, -6.4154,
4.3736

■ 10.3550, -5.1050,
4.0737

■ 126.3120, -6.5628,
4.9884

■ 0.0000, 0.0000,
0.0000

■ 151.6110, -6.7102,
5.6032

■ 178.6110, -6.7102,
5.6032

■ 206.1980, -6.9996,
5.0884

■ 234.4970, -7.1470,

5.7031

254.2020, -3.0576,
0.6998

54.2410, -5.5418,
4.1736

54.2410, -5.5418,
4.1736

52.3830, -7.5838,
5.8031

56.0990, -3.4998,
2.5442

50.5250, -9.6258,
7.4326

57.9570, -1.4578,
0.9147

48.6670, -11.6678,
9.0620

59.8150, 0.5842,
-0.7148

47.3960, -13.9992,
10.1767

61.0860, 2.9156,
-1.8294

45.6520, -15.6044,
11.7062

62.9440, 4.9576,
-3.4589

■ 43.7940, -17.6464,
13.3357

■ 64.6880, 6.5628,
-4.9884

■ 41.9360, -19.6884,
14.9651

■ 66.5460, 8.6048,
-6.6178

■ 41.7080, -20.5620,
15.1651

■ 68.4040, 10.6468,
-8.2473

■ 70.2620, 12.6888,
-9.8768

Harmonies

Analogous

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



54.7900, -4.8265, 8.0772



54.2410, -5.5418, 4.1736



53.7350, -4.7994, -0.6446

Triad

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



54.2410, -5.5418, 4.1736



52.5470, 3.6743, -11.8807



55.3150, 2.3097, 5.8627

Complementary

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



54.2410, -5.5418, 4.1736



47.7590, 5.5418, -4.1736

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.



54.8520, 4.5100, 0.1298



54.2410, -5.5418, 4.1736



53.3130, 5.2687, -9.9215

Square

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



54.2410, -5.5418, 4.1736



52.4610, 0.7587, -10.0513



54.1610, 5.8366, -5.4032



55.3540, -0.1745, 9.3365

Rectangle

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



54.2410, -5.5418, 4.1736



53.1690, -3.0413, -4.5332



54.1610, 5.8366, -5.4032



55.5320, 3.1887, 3.9184

Sweetspot

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



54.2410, -5.5418, 4.1736



75.0280, -2.4788, 1.7294



48.3540, -0.1745, 9.3365



36.9570, -1.4578, 0.9147



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



54.2410, -5.5418, 4.1736



69.3400, -9.0416, 6.7178



56.2790, -6.5465, -0.2447



30.0710, -1.0210, 0.8147



66.2610, -32.6667, 24.3271



156.1890, -77.0012, 57.7162

Inverse Universe

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



47.7590, 5.5418, -4.1736



58.6600, 9.0416, -6.7178



45.7210, 6.5465, 0.2447



28.3420, 1.3104, -0.2999



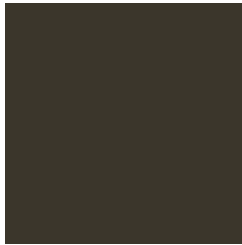
27.7390, 32.6667, -24.3271



65.8110, 77.0012, -57.7162

Previews

White Background



This preview shows how the YUV color 54.2410, -5.5418, 4.1736 looks on a white background.

Color Contrast Check

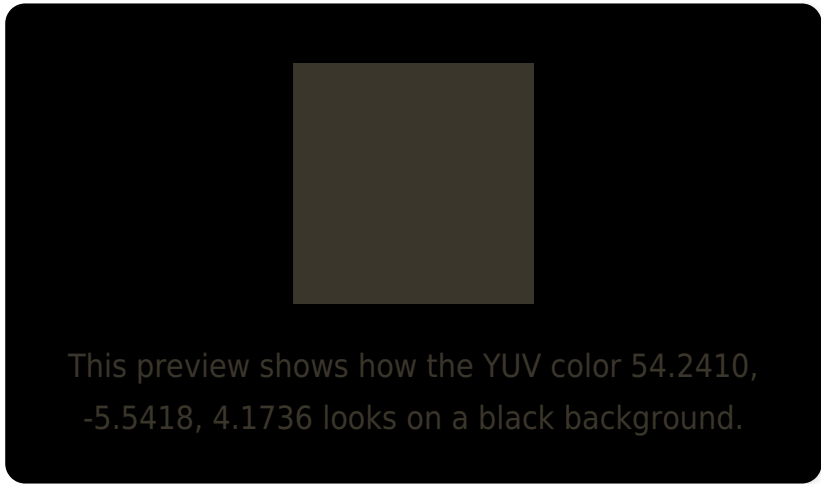
Large Text (above 18pt) WCAG AA ✓ Pass

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

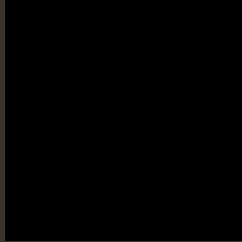
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2410, -5.5418, 4.1736

Background



This preview shows how black text looks on a background with the YUV color 54.2410, -5.5418, 4.1736.

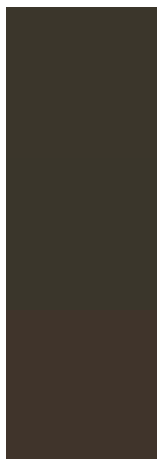


This preview shows how white text looks on a background with the YUV color 54.2410, -5.5418,

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

54.2410, -5.5418, 4.1736

Protanopia

53.9420, -5.3944, 3.5589

Deuteranopia

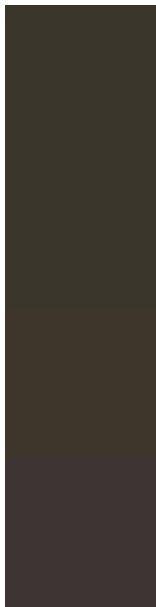
54.5620, -5.7001, 8.2771



Tritanopia

55.1470, 0.4205, 5.1331

Trichromacy



Original Color

54.2410, -5.5418, 4.1736

Protanomaly

53.9420, -5.3944, 3.5589

Deuteranomaly

54.5510, -5.6946, 6.5328

Tritanomaly

54.8650, -1.9054, 4.5034

Monochromacy



Original Color

54.2410, -5.5418, 4.1736

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2410, -5.5418, 4.1736 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(59, 54, 43)` looks like.

```
.text, #text, p{  
    color:rgb(59, 54, 43)  
}
```

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(59, 54, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 54, 43) }
```

Border

The CSS property to change the border of an element to YUV 54.2410, -5.5418, 4.1736 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(59, 54, 43) }
```


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

```
.border{ border-color:rgb(59, 54, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 54, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 54, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 54, 43);  
box-shadow:4px 4px 4px 4px rgb(59, 54, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.2410, -5.5418, 4.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 54, 43) }
```

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

```
.background{ background-color: rgb(59, 54,  
43) }
```

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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