

Converting Colors

YUV(53.8450, -8.3046, 3.6439)

Have a look what the booklet for
YUV(53.8450, -8.3046, 3.6439)
contains.

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Color

**YUV(53.8450, -8.3046,
3.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3725
RGB	58, 55, 37
RGB Percent	23%, 22%, 15%
CMY	0.7725, 0.7843, 0.8549
CMYK	0.00, 0.05, 0.36, 0.77
HSL	51°, 22%, 19%
HSV	51°, 36%, 23%
XYZ	3.4450, 3.7655, 2.2955
YIQ	53.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

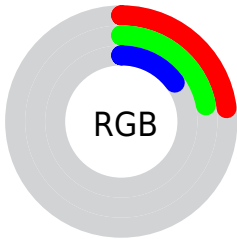
Format	Color
RYB	41, 58, 37
Decimal	3815205
CIELab	22.88, -2.12, 11.78
CIElCh	23, 11.974, 100.185
Yxy	3.7655, 0.3624, 0.3961
Android (android.graphics.Color)	4282005285 (0xFF3A3725)
YUV	53.8450, -8.3046, 3.6439
Hunter-Lab	19.4049, -2.2686, 6.5697

Details

The YUV color **53.8450, -8.3046, 3.6439** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.1550, 8.3046, -3.6439**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9160, -9.3256, 4.4587**, and **10.3330, -5.0942, 0.5850** is the 20% darker color. If you saturate the color by 10%, you get **52.5740, -10.6360, 4.7586**, and if you desaturate by 10%, it is **55.1160, -5.9732, 2.5293**.

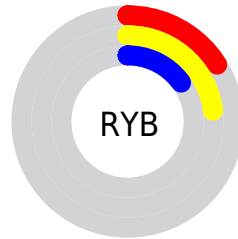
Distribution



Red (23%)

Green (22%)

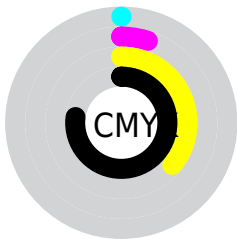
Blue (15%)



Red (16%)

Yellow (23%)

Blue (15%)

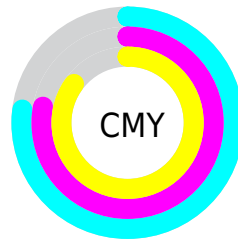


Cyan (0%)

Magenta (5%)

Yellow (36%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8450, -8.3046, 3.6439 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 53.8450, -8.3046, 3.6439 by changing the saturation by 10% instead.

■ 53.8450, -8.3046,
3.6439

■ 53.8450, -8.3046,
3.6439

■ 255.0000, 0.0000,
0.0000

■ 32.5460, -8.1572,
3.0292

■ 100.9160, -9.3256,
4.4587

■ 10.3330, -5.0942,
0.5850

■ 125.8020, -9.7624,
4.5586

■ 0.0000, 0.0000,
0.0000

■ 151.6880,
-10.1992, 4.6586

■ 177.9870,
-10.3466, 5.2734

■ 205.8730,
-10.7834, 5.3734

■ 233.8730,

-10.7834, 5.3734

■ 253.2900, -6.5520,
1.4997

■ 53.8450, -8.3046,
3.6439

■ 53.8450, -8.3046,
3.6439

■ 52.5740, -10.6360,
4.7586

■ 55.1160, -5.9732,
2.5293

■ 51.3030, -12.9674,
5.8733

■ 56.3870, -3.6418,
1.4146

■ 50.7330, -15.1514,
6.3732

■ 56.9570, -1.4578,
0.9147

■ 49.4620, -17.4828,
7.4878

■ 58.2280, 0.8736,
-0.2000

■ 48.1910, -19.8142,
8.6025

■ 59.4990, 3.2050,
-1.3146

■ 46.9200, -22.1456,
9.7172

■ 60.7700, 5.5364,
-2.4293

■ 46.6920, -23.0192,
9.9171

■ 62.0410, 7.8678,
-3.5440

■ 63.1980, 9.7624,
-4.5586

■ 63.8820, 12.3832,
-5.1585

Harmonies

Analogous

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



54.5900, -8.1789, 10.0066



53.8450, -8.3046, 3.6439



53.0720, -5.9515, -4.4481

Triad

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



53.8450, -8.3046, 3.6439



50.5290, 7.6272, -19.7579



56.3480, 2.2934, 11.0958

Complementary

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



53.8450, -8.3046, 3.6439



41.1550, 8.3046, -3.6439

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.



55.6290, 6.0989, 3.8334



53.8450, -8.3046, 3.6439



52.3170, 9.2107, -14.3100

Square

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



53.8450, -8.3046, 3.6439



50.6880, 3.1118, -18.1434



54.2580, 8.7468, -5.4883



55.9310, -1.9380, 14.9695

Rectangle

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



53.8450, -8.3046, 3.6439



52.0220, -3.4618, -9.6663



54.2580, 8.7468, -5.4883



55.7930, 4.0461, 8.9515

Sweetspot

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



53.8450, -8.3046, 3.6439



74.8000, -3.3524, 1.9294



43.6210, -1.7852, 12.6104



37.4300, -2.1840, 0.4999



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.



53.8450, -8.3046, 3.6439



70.3030, -12.9674, 5.8733



53.5130, -8.1409, -2.2039



27.6580, -1.3104, 0.2999



73.8810, -36.4233, 15.8904



175.8370, -86.6876, 37.8540

Inverse Universe

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



41.1550, 8.3046, -3.6439



50.1100, 13.2568, -5.3585



41.4870, 8.1409, 2.2039



25.9290, 1.0210, -0.8147



18.1190, 36.4233, -15.8904



43.1630, 86.6876, -37.8540

Previews

White Background



This preview shows how the YUV color 53.8450, -8.3046, 3.6439 looks on a white background.

Color Contrast Check

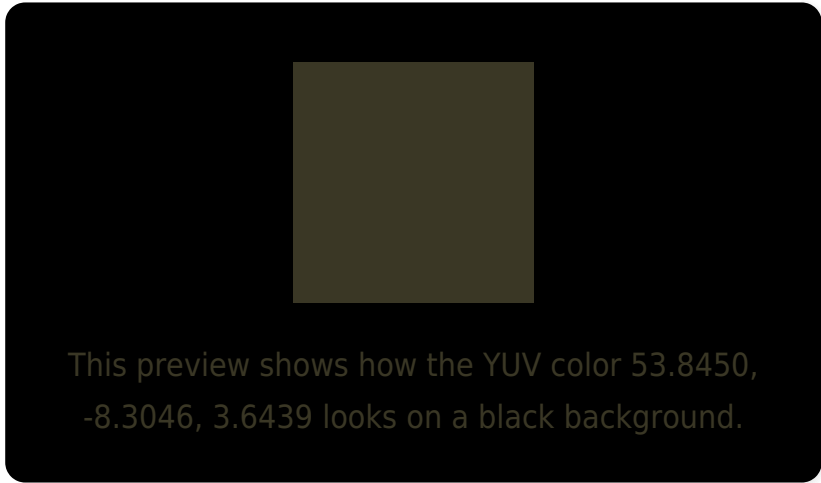
Large Text (above 18pt) WCAG AA ✓ Pass

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

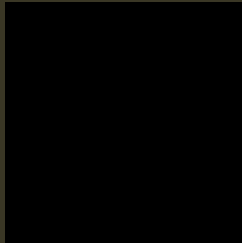
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8450, -8.3046, 3.6439

Background



This preview shows how black text looks on a background with the YUV color 53.8450, -8.3046, 3.6439.

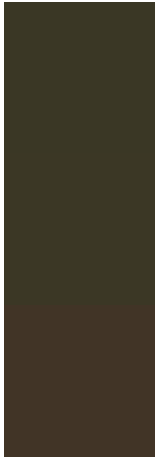


This preview shows how white text looks on a background with the YUV color 53.8450, -8.3046,

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

53.8450, -8.3046, 3.6439

Protanopia

54.1440, -8.4520, 4.2587

Deuteranopia

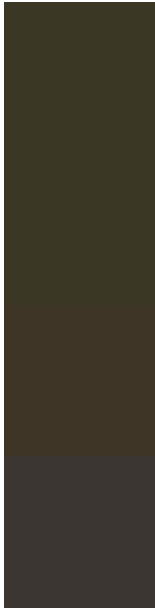
54.2910, -8.0315, 9.3918



Tritanopia

55.5490, 0.7153, 3.9035

Trichromacy



Original Color

53.8450, -8.3046, 3.6439

Protanomaly

54.1440, -8.4520, 4.2587

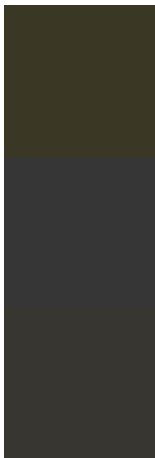
Deuteranomaly

53.9810, -7.8786, 7.0327

Tritanomaly

55.0390, -2.4842, 3.4738

Monochromacy



Original Color

53.8450, -8.3046, 3.6439

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.6150, -2.7682, 1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8450, -8.3046, 3.6439 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(58, 55, 37)` looks like.

```
.text, #text, p{  
    color:rgb(58, 55, 37)  
}
```

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(58, 55, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 55, 37) }
```

Border

The CSS property to change the border of an element to YUV 53.8450, -8.3046, 3.6439 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(58, 55, 37) }
```


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

```
.border{ border-color:rgb(58, 55, 37) }
```

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

Here you see how a box with a 4 pixel rgb(58, 55, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 55, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 55, 37);  
box-shadow:4px 4px 4px 4px rgb(58, 55, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.8450, -8.3046, 3.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 55, 37) }
```

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

```
.background{ background-color: rgb(58, 55,  
37) }
```

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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