

Converting Colors

YUV(55.7730, -2.3531, 8.0921)

Have a look what the booklet for
YUV(55.7730, -2.3531, 8.0921)
contains.

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Color

**YUV(55.7730, -2.3531,
8.0921)**

Conversions

Conversions Part 1

Format	Color
Hex	413433
RGB	65, 52, 51
RGB Percent	25%, 20%, 20%
CMY	0.7451, 0.7961, 0.8000
CMYK	0.00, 0.20, 0.22, 0.75
HSL	4°, 12%, 23%
HSV	4°, 22%, 25%
XYZ	4.0055, 3.8188, 3.6580
YIQ	55.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

Format	Color
RYB	65, 52, 51
Decimal	4273203
CIELab	23.06, 5.62, 2.82
CIELCh	23, 6.288, 26.608
Yxy	3.8188, 0.3488, 0.3326
Android (android.graphics.Color)	4282463283 (0xFF413433)
YUV	55.7730, -2.3531, 8.0921
Hunter-Lab	19.5418, 2.3892, 2.5810

Details

The YUV color **55.7730, -2.3531, 8.0921** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.2270, 2.3531, -8.0921**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3710, -2.6479, 9.3216**, and **11.5560, -3.2321, 10.0364** is the 20% darker color. If you saturate the color by 10%, you get **51.5670, -3.2375, 11.7807**, and if you desaturate by 10%, it is **60.0930, -1.0318, 4.3034**.

Distribution



Red (25%)

Green (20%)

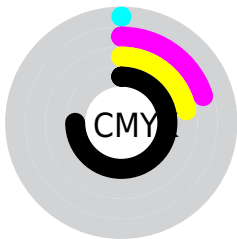
Blue (20%)



Red (25%)

Yellow (20%)

Blue (20%)



Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7730, -2.3531, 8.0921 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 55.7730, -2.3531, 8.0921 by changing the saturation by 10% instead.

■ 55.7730, -2.3531,
8.0921

■ 55.7730, -2.3531,
8.0921

255.0000, 0.0000,
0.0000

■ 34.4740, -2.2057,
7.4773

■ 102.3710, -2.6479,
9.3216

■ 11.5560, -3.2321,
10.0364

■ 127.6700, -2.7953,
9.9364

■ 0.0000, 0.0000,
0.0000

■ 153.6700, -2.7953,
9.9364

■ 180.5560, -3.2321,
10.0364

■ 207.9690, -2.9427,
10.5512

■ 236.2680, -3.0901,

11.1660

■ 55.7730, -2.3531,
8.0921

■ 55.7730, -2.3531,
8.0921

■ 51.5670, -3.2375,
11.7807

■ 60.0930, -1.0318,
4.3034

■ 47.2470, -4.5588,
15.5694

■ 64.2990, -0.1474,
0.6148

■ 43.0410, -5.4432,
19.2580

■ 68.6190, 1.1738,
-3.1739

■ 38.7210, -6.7645,
23.0467

■ 72.8250, 2.0583,
-6.8625

■ 34.5150, -7.6489,
26.7353

■ 77.1450, 3.3795,
-10.6512

■ 30.1950, -8.9701,
30.5240

■ 81.3510, 4.2640,
-14.3398

■ 25.9890, -9.8546,
34.2126

■ 85.6710, 5.5852,
-18.1285

■ 22.3700, -11.0284,
37.3865

■ 89.8770, 6.4696,
-21.8171

■ 94.1970, 7.7909,
-25.6058

Harmonies

Analogous

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



56.0440, -0.0217, 6.9774



55.7730, -2.3531, 8.0921



55.3060, -4.0949, 6.7476

Triad

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



55.7730, -2.3531, 8.0921



53.8100, -1.8783, -4.2184



54.8190, 4.5262, -5.1033

Complementary

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



55.7730, -2.3531, 8.0921



60.2270, 2.3531, -8.0921

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.



54.0960, 4.3897, -7.9772



55.7730, -2.3531, 8.0921



53.6570, 0.1691, -7.5922

Square

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



55.7730, -2.3531, 8.0921



54.3760, -3.6364, -0.3298



53.6290, 2.6479, -9.3216



55.3250, 3.7838, -0.2850

Rectangle

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



55.7730, -2.3531, 8.0921



55.1810, -4.5262, 5.1033



53.6290, 2.6479, -9.3216



54.2210, 4.8210, -6.3328

Sweetspot

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



55.7730, -2.3531, 8.0921



80.4950, -0.7370, 3.0739



56.6680, 3.6147, 7.3072



41.4840, -0.7316, 1.3295



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.7730, -2.3531, 8.0921



69.7520, -3.8217, 12.4955



59.8820, -4.3788, 4.4885



30.8970, -0.4422, 1.8443



33.1120, -16.3242, 56.0298



76.3680, -37.6494, 129.4733

Inverse Universe

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



60.2270, 2.3531, -8.0921



76.8350, 3.5323, -13.0103



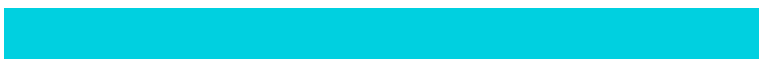
56.1180, 4.3788, -4.4885



32.1030, 0.4422, -1.8443



63.8880, 16.3242, -56.0298



147.6320, 37.6494, -129.4733

Previews

White Background



This preview shows how the YUV color 55.7730, -2.3531, 8.0921 looks on a white background.

Color Contrast Check

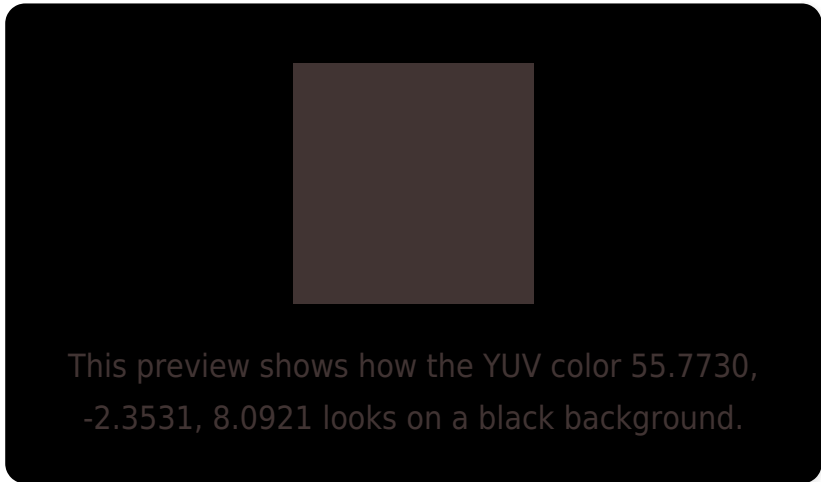
Large Text (above 18pt) WCAG AA ✓ Pass

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

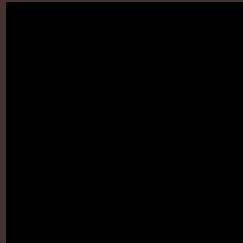
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7730, -2.3531, 8.0921

Background



This preview shows how black text looks on a background with the YUV color 55.7730, -2.3531, 8.0921.

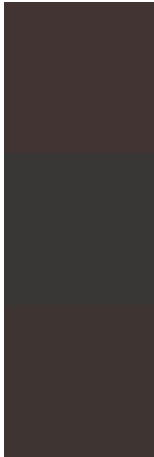


This preview shows how white text looks on a background with the YUV color 55.7730, -2.3531,

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

55.7730, -2.3531, 8.0921

Protanopia

55.3700, -1.1684, 1.4295

Deuteranopia

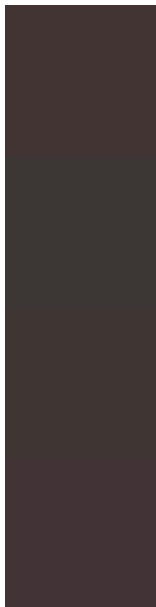
55.4630, -2.2003, 5.7329



Tritanopia

55.9410, -0.4639, 8.8217

Trichromacy



Original Color

55.7730, -2.3531, 8.0921

Protanomaly

55.5660, -1.7580, 3.8886

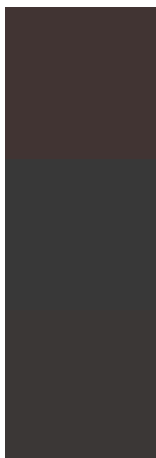
Deuteranomaly

55.7620, -2.3477, 6.3477

Tritanomaly

55.8270, -0.9007, 8.9217

Monochromacy



Original Color

55.7730, -2.3531, 8.0921

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7730, -2.3531, 8.0921 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(65, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(65, 52, 51)  
}
```

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(65, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 52, 51) }
```

Border

The CSS property to change the border of an element to YUV 55.7730, -2.3531, 8.0921 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(65, 52, 51) }
```


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

```
.border{ border-color:rgb(65, 52, 51) }
```

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

Here you see how a box with a 4 pixel rgb(65, 52, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(65, 52, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.7730, -2.3531, 8.0921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 52, 51) }
```

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

```
.background{ background-color: rgb(65, 52,  
51) }
```

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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