

Converting Colors

YUV(35.3770, -5.1159, 7.5624)

Have a look what the booklet for
YUV(35.3770, -5.1159, 7.5624)
contains.

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Color

**YUV(35.3770, -5.1159,
7.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2119
RGB	44, 33, 25
RGB Percent	17%, 13%, 10%
CMY	0.8275, 0.8706, 0.9020
CMYK	0.00, 0.25, 0.43, 0.83
HSL	25°, 28%, 14%
HSV	25°, 43%, 17%
XYZ	1.7580, 1.6934, 1.1539
YIQ	35.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

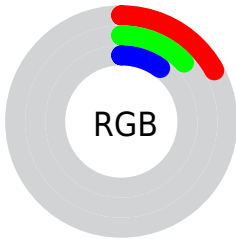
Format	Color
RYB	44, 39, 25
Decimal	2892057
CIELab	13.79, 3.83, 7.43
CIELCh	14, 8.359, 62.700
Yxy	1.6934, 0.3817, 0.3677
Android (android.graphics.Color)	4281082137 (0xFF2C2119)
YUV	35.3770, -5.1159, 7.5624
Hunter-Lab	13.0130, 1.3424, 3.8517

Details

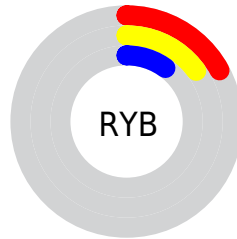
The YUV color **35.3770, -5.1159, 7.5624** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.6230, 5.1159, -7.5624**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8610, -5.8475, 8.8919**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.1600, -5.9949, 9.5067**, and if you desaturate by 10%, it is **37.5940, -4.2368, 5.6181**.

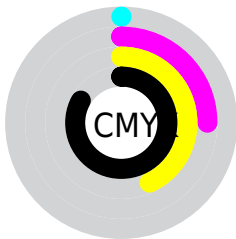
Distribution



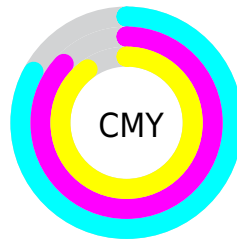
- Red (17%)
- Green (13%)
- Blue (10%)



- Red (17%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (83%)



- Cyan (83%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3770, -5.1159, 7.5624 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 35.3770, -5.1159, 7.5624 by changing the saturation by 10% instead.

■ 35.3770, -5.1159,
7.5624

■ 35.3770, -5.1159,
7.5624

■ 254.6580, -1.3104,
0.2999

■ 13.3450, -6.5791,
10.2214

■ 79.8610, -5.8475,
8.8919

■ 0.0000, 0.0000,
0.0000

■ 104.0460, -6.4317,
9.6067

■ 129.3450, -6.5791,
10.2214

■ 155.3450, -6.5791,
10.2214

■ 182.2310, -7.0159,
10.3214

■ 209.5300, -7.1633,

10.9362

■ 237.8290, -7.3107,
11.5510

■ 35.3770, -5.1159,
7.5624

■ 35.3770, -5.1159,
7.5624

■ 33.1600, -5.9949,
9.5067

■ 37.5940, -4.2368,
5.6181

■ 31.4160, -7.6001,
11.0362

■ 39.3380, -2.6316,
4.0886

■ 29.1990, -8.4791,
12.9805

■ 41.5550, -1.7526,
2.1443

■ 27.4550, -10.0843,
14.5100

■ 43.2990, -0.1474,
0.6148

■ 25.2380, -10.9633,
16.4543

■ 45.5160, 0.7316,
-1.3295

■ 24.3090, -11.9843,
17.2690

■ 47.1460, 1.9000,
-2.7590

■ 49.4770, 3.2158,
-4.8033

■ 51.1070, 4.3842,
-6.2328

■ 53.4380, 5.7001,
-8.2771

Harmonies

Analogous

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



35.5560, -3.2321, 10.0364



35.3770, -5.1159, 7.5624



34.9420, -5.3944, 3.5589

Triad

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



35.3770, -5.1159, 7.5624



32.2760, 1.3429, -10.7661



35.5640, 4.6519, 1.2594

Complementary

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



35.3770, -5.1159, 7.5624



33.6230, 5.1159, -7.5624

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.



35.1610, 5.8366, -5.4032



35.3770, -5.1159, 7.5624



32.3620, 4.2585, -12.5955

Square

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



35.3770, -5.1159, 7.5624



33.5000, -1.7255, -6.5775



33.4270, 5.7055, -10.0215



36.3150, 2.3097, 5.8627

Rectangle

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



35.3770, -5.1159, 7.5624



34.3330, -5.0942, 0.5850



33.4270, 5.7055, -10.0215



35.3680, 5.2416, -1.1997

Sweetspot

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



35.3770, -5.1159, 7.5624



52.8540, -1.9000, 2.7590



31.9350, 2.0040, 10.5810



25.7830, -0.8790, 1.9443



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



35.3770, -5.1159, 7.5624



42.7150, -7.7475, 11.6509



40.6600, -7.7204, 2.9292



22.1850, -0.5842, 0.7148



47.7320, -23.5319, 34.4380



116.8160, -57.5903, 85.2304

Inverse Universe

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



33.6230, 5.1159, -7.5624



40.2850, 7.7475, -11.6509



28.3400, 7.7204, -2.9292



21.8150, 0.5842, -0.7148



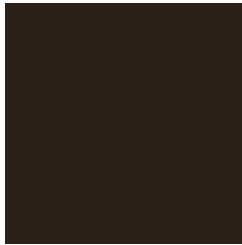
39.2680, 23.5319, -34.4380



97.1840, 57.5903, -85.2304

Previews

White Background



This preview shows how the YUV color 35.3770, -5.1159, 7.5624 looks on a white background.

Color Contrast Check

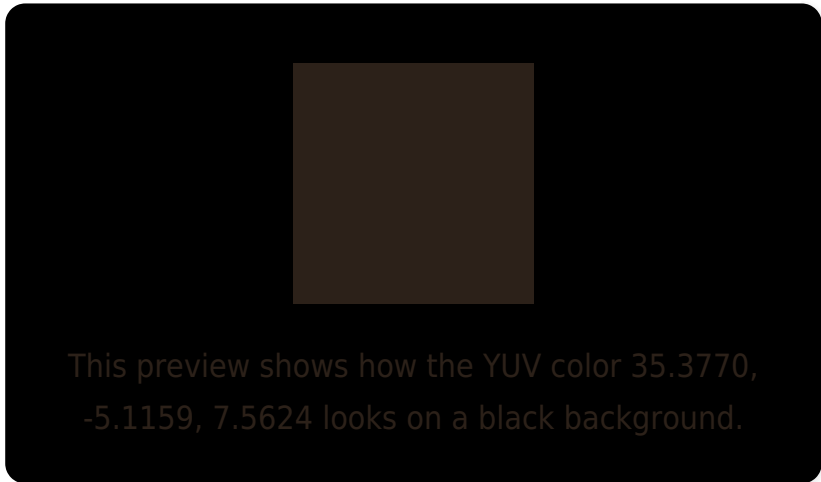
Large Text (above 18pt) WCAG AA ✓ Pass

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

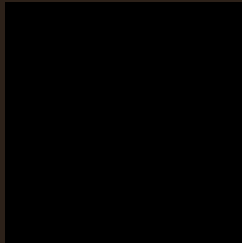
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3770, -5.1159, 7.5624

Background



This preview shows how black text looks on a background with the YUV color 35.3770, -5.1159, 7.5624.



This preview shows how white text looks on a background with the YUV color 35.3770, -5.1159,

7.5624.

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

35.3770, -5.1159, 7.5624

Protanopia

34.8710, -4.3734, 2.7441

Deuteranopia

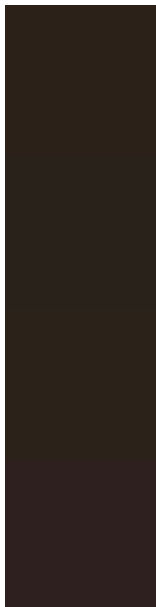
35.3660, -5.1104, 5.8180



Tritanopia

36.1150, -1.0427, 7.7921

Trichromacy



Original Color

35.3770, -5.1159, 7.5624

Protanomaly

34.8820, -4.3788, 4.4885

Deuteranomaly

35.6650, -5.2578, 6.4328

Tritanomaly

35.7730, -2.3531, 8.0921

Monochromacy



Original Color

35.3770, -5.1159, 7.5624

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3770, -5.1159, 7.5624 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(44, 33, 25)` looks like.

```
.text, #text, p{  
    color:rgb(44, 33, 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(44, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 33, 25) }
```

Border

The CSS property to change the border of an element to YUV 35.3770, -5.1159, 7.5624 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(44, 33, 25) }
```


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

```
.border{ border-color:rgb(44, 33, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 33, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(44, 33, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.3770, -5.1159, 7.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 33, 25) }
```

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

```
.background{ background-color: rgb(44, 33,  
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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