

Converting Colors

YUV(37.5360, -6.1802, 22.3319)

Have a look what the booklet for
YUV(37.5360, -6.1802, 22.3319)
contains.

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Color

**YUV(37.5360, -6.1802,
22.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1B19
RGB	63, 27, 25
RGB Percent	25%, 11%, 10%
CMY	0.7529, 0.8941, 0.9020
CMYK	0.00, 0.57, 0.60, 0.75
HSL	3°, 43%, 17%
HSV	3°, 60%, 25%
XYZ	2.6173, 1.9108, 1.1506
YIQ	37.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

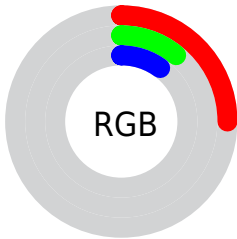
Format	Color
RYB	63, 27, 25
Decimal	4135705
CIELab	15.01, 17.31, 9.58
CIElCh	15, 19.789, 28.957
Yxy	1.9108, 0.4609, 0.3365
Android (android.graphics.Color)	4282325785 (0xFF3F1B19)
YUV	37.5360, -6.1802, 22.3319
Hunter-Lab	13.8232, 9.6067, 4.7412

Details

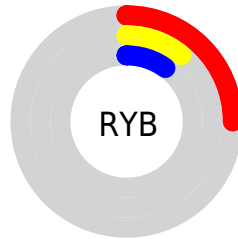
The YUV color **37.5360, -6.1802, 22.3319** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.4640, 6.1802, -22.3319**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8030, -7.7909, 25.6058**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3300, -7.0647, 26.0206**, and if you desaturate by 10%, it is **41.7420, -5.2958, 18.6433**.

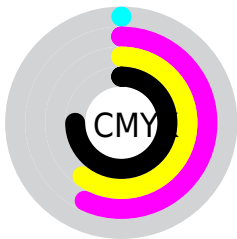
Distribution



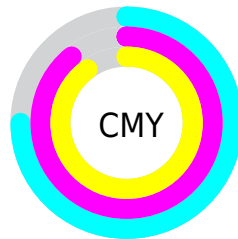
- Red (25%)
- Green (11%)
- Blue (10%)



- Red (25%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (57%)
- Yellow (60%)
- Black (75%)



- Cyan (75%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5360, -6.1802, 22.3319 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 37.5360, -6.1802, 22.3319 by changing the saturation by 10% instead.

■ 37.5360, -6.1802,
22.3319

■ 37.5360, -6.1802,
22.3319

■ 254.6580, -1.3104,
0.2999

■ 14.6070, -7.2013,
23.1467

■ 83.8030, -7.7909,
25.6058

■ 0.0000, 0.0000,
0.0000

■ 107.7000, -8.2331,
27.4501

■ 133.2980, -8.5279,
28.6797

■ 159.7820, -9.2595,
30.0092

■ 187.0810, -9.4069,
30.6240

■ 214.6790, -9.7017,

31.8535

■ 236.0900, -6.4534,
16.5841

■ 37.5360, -6.1802,
22.3319

■ 37.5360, -6.1802,
22.3319

■ 33.3300, -7.0647,
26.0206

■ 41.7420, -5.2958,
18.6433

■ 29.0100, -8.3859,
29.8092

■ 46.0620, -3.9746,
14.8546

■ 24.8040, -9.2704,
33.4979

■ 50.2680, -3.0901,
11.1660

■ 20.5980, -10.1548,
37.1866

■ 54.4740, -2.2057,
7.4773

■ 58.7940, -0.8844,
3.6887

■ 63.0000, 0.0000,
0.0000

■ 67.2060, 0.8844,
-3.6887

■ 71.4120, 1.7689,
-7.3773

■ 75.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



38.5450, 0.2243, 21.4470



37.5360, -6.1802, 22.3319



37.3090, -11.9843, 17.2690

Triad

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



37.5360, -6.1802, 22.3319



32.0490, -4.4612, -15.8290



32.6950, 15.9264, -21.6575

Complementary

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



37.5360, -6.1802, 22.3319



50.4640, 6.1802, -22.3319

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.



32.1950, 14.2009, -28.2350



37.5360, -6.1802, 22.3319



30.6330, 3.1389, -26.8651

Square

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



37.5360, -6.1802, 22.3319



34.8890, -11.7773, -2.5337



31.6420, 9.5435, -27.7500



38.3880, 11.6407, -0.3403

Rectangle

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



37.5360, -6.1802, 22.3319



36.2930, -14.4414, 12.0210



31.6420, 9.5435, -27.7500



31.4770, 16.5268, -27.6053

Sweetspot

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



37.5360, -6.1802, 22.3319



72.0720, -2.5005, 8.7069



40.4660, 10.1233, 19.7623



34.6910, -1.3267, 5.5330



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



37.5360, -6.1802, 22.3319



42.4020, -9.5652, 34.7274



48.6890, -11.6787, 12.5507



28.8970, -0.4422, 1.8443



31.0410, -15.3032, 55.2150



73.4220, -36.1970, 130.3029

Inverse Universe

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



50.4640, 6.1802, -22.3319



62.5980, 9.5652, -34.7274



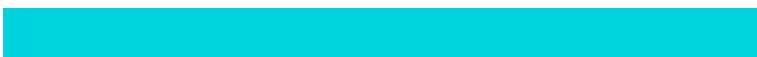
39.3110, 11.6787, -12.5507



29.5160, 0.7316, -1.3295



62.9590, 15.3032, -55.2150



148.5780, 36.1970, -130.3029

Previews

White Background



This preview shows how the YUV color 37.5360, -6.1802, 22.3319 looks on a white background.

Color Contrast Check

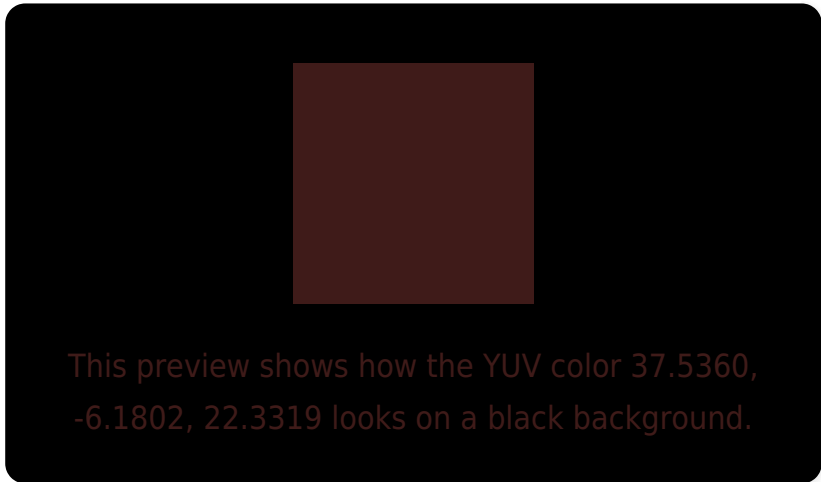
Large Text (above 18pt) WCAG AA ✓ Pass

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

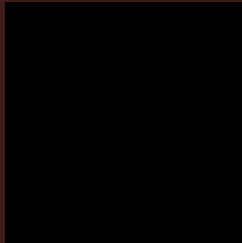
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.5360, -6.1802, 22.3319

Background



This preview shows how black text looks on a background with the YUV color 37.5360, -6.1802, 22.3319.

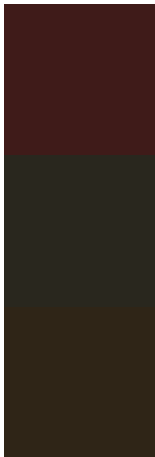


This preview shows how white text looks on a background with the YUV color 37.5360, -6.1802,

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

37.5360, -6.1802, 22.3319

Protanopia

38.5720, -4.2260, 2.1294

Deuteranopia

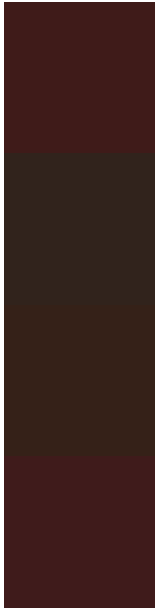
38.3940, -7.5892, 7.5475



Tritanopia

37.8780, -4.8699, 22.0320

Trichromacy



Original Color

37.5360, -6.1802, 22.3319

Protanomaly

38.3880, -5.1213, 9.3067

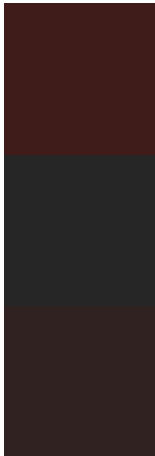
Deuteranomaly

37.9540, -6.8793, 13.1953

Tritanomaly

37.7640, -5.3067, 22.1320

Monochromacy



Original Color

37.5360, -6.1802, 22.3319

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5360, -6.1802, 22.3319 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(63, 27, 25)` looks like.

```
.text, #text, p{  
    color:rgb(63, 27, 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(63, 27, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 27, 25) }
```

Border

The CSS property to change the border of an element to YUV 37.5360, -6.1802, 22.3319 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(63, 27, 25) }
```


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

```
.border{ border-color:rgb(63, 27, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 27, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 27, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 27, 25);  
box-shadow:4px 4px 4px 4px rgb(63, 27, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.5360, -6.1802, 22.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 27, 25) }
```

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

```
.background{ background-color: rgb(63, 27,  
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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