

Converting Colors

YUV(36.7390, -0.8573, -5.0331)

Have a look what the booklet for
YUV(36.7390, -0.8573, -5.0331)
contains.

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Color

**YUV(36.7390, -0.8573,
-5.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2823
RGB	31, 40, 35
RGB Percent	12%, 16%, 14%
CMY	0.8784, 0.8431, 0.8627
CMYK	0.22, 0.00, 0.13, 0.84
HSL	147°, 13%, 14%
HSV	147°, 22%, 16%
XYZ	1.6272, 1.9302, 1.8769
YIQ	36.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

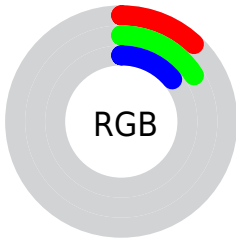
Format	Color
R_YB	31, 37, 40
Decimal	2041891
CIE Lab	15.12, -5.26, 1.99
CIE LCh	15, 5.620, 159.313
Yxy	1.9302, 0.2994, 0.3552
Android (android.graphics.Color)	4280231971 (0xFF1F2823)
YUV	36.7390, -0.8573, -5.0331
Hunter-Lab	13.8933, -3.4067, 1.7155

Details

The YUV color **36.7390, -0.8573, -5.0331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.2610, 0.8573, 5.0331**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.3260, -1.1467, -5.5479**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.3150, -1.1413, -7.2923**, and if you desaturate by 10%, it is **38.1630, -0.5734, -2.7740**.

Distribution



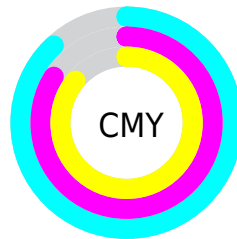
- Red (12%)
- Green (16%)
- Blue (14%)



- Red (12%)
- Yellow (15%)
- Blue (16%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (84%)



- Cyan (88%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7390, -0.8573, -5.0331 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 36.7390, -0.8573, -5.0331 by changing the saturation by 10% instead.

■ 36.7390, -0.8573,
-5.0331

■ 36.7390, -0.8573,
-5.0331

255.0000, 0.0000,
0.0000

■ 15.3150, -1.1413,
-7.2923

■ 81.3260, -1.1467,
-5.5479

■ 0.0000, 0.0000,
0.0000

■ 105.3260, -1.1467,
-5.5479

■ 130.9130, -1.4361,
-6.0627

■ 156.9130, -1.4361,
-6.0627

■ 183.6140, -1.2887,
-6.6775

■ 211.6140, -1.2887,

-6.6775

■ 239.6140, -1.2887,
-6.6775

■ 36.7390, -0.8573,
-5.0331

■ 36.7390, -0.8573,
-5.0331

■ 35.3150, -1.1413,
-7.2923

■ 38.1630, -0.5734,
-2.7740

■ 33.8910, -1.4253,
-9.5514

■ 39.5870, -0.2894,
-0.5148

■ 32.3530, -2.1460,
-11.7106

■ 41.1250, 0.4314,
1.6444

■ 30.9290, -2.4300,
-13.9697

■ 42.5490, 0.7153,
3.9035

■ 29.5050, -2.7140,
-16.2289

■ 43.9730, 0.9993,
6.1627

■ 28.0810, -2.9979,
-18.4880

■ 45.3970, 1.2833,
8.4218

■ 26.5430, -3.7187,
-20.6472

■ 46.9350, 2.0040,
10.5810

■ 25.5320, -3.7133,
-22.3916

■ 48.3590, 2.2880,
12.8402

■ 49.7830, 2.5720,
15.0993

Harmonies

Analogous

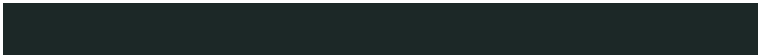
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.0060, -2.4680, -1.7593



36.7390, -0.8573, -5.0331



36.2980, 1.3321, -7.2773

Triad

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



36.7390, -0.8573, -5.0331



38.0150, 3.9366, -2.6442



38.6480, -2.7845, 6.4477

Complementary

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



36.7390, -0.8573, -5.0331



34.2610, 0.8573, 5.0331

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.



38.5170, -0.7479, 6.5626



36.7390, -0.8573, -5.0331



38.6950, 2.6154, 1.1445

Square

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



36.7390, -0.8573, -5.0331



36.9930, 3.9475, -6.1329



38.9620, 1.0047, 4.4183



38.4090, -3.6526, 4.9033

Rectangle

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



36.7390, -0.8573, -5.0331



36.6400, 2.6425, -7.5773



38.9620, 1.0047, 4.4183



38.1750, -2.0583, 6.8625

Sweetspot

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



36.7390, -0.8573, -5.0331



49.5760, -0.2840, -2.2592



37.7780, -3.3416, -1.5593



24.8750, -0.4314, -1.6444



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



36.7390, -0.8573, -5.0331



45.9020, -1.4307, -7.8071



37.1950, 0.8899, -5.4330



19.2880, -0.1420, -1.1296



53.5260, -8.1473, -46.9423



135.1600, -20.2919, -118.5353

Inverse Universe

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



34.2610, 0.8573, 5.0331



42.0980, 1.4307, 7.8071



33.8050, -0.8899, 5.4330



18.7120, 0.1420, 1.1296



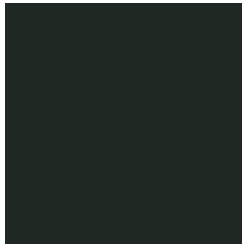
30.4740, 8.1473, 46.9423



76.8400, 20.2919, 118.5353

Previews

White Background



This preview shows how the YUV color 36.7390, -0.8573, -5.0331 looks on a white background.

Color Contrast Check

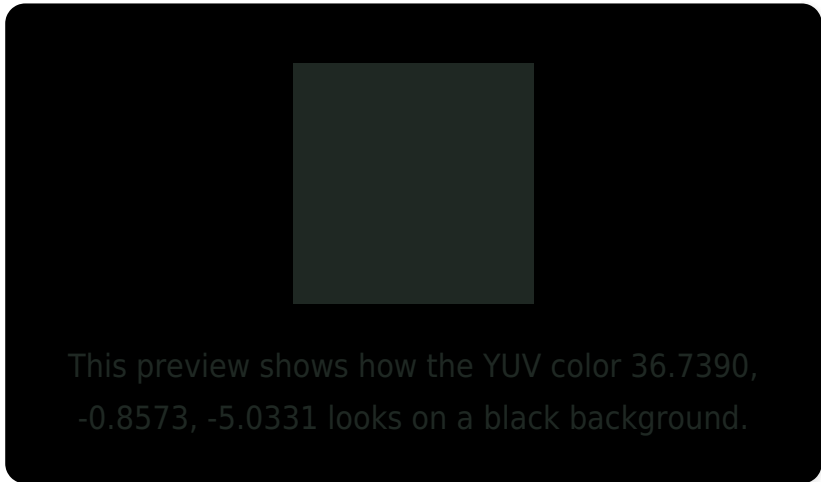
Large Text (above 18pt) WCAG AA ✓ Pass

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

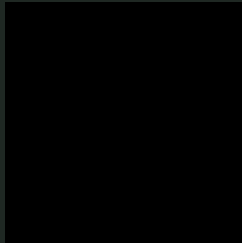
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7390, -0.8573, -5.0331

Background



This preview shows how black text looks on a background with the YUV color 36.7390, -0.8573, -5.0331.



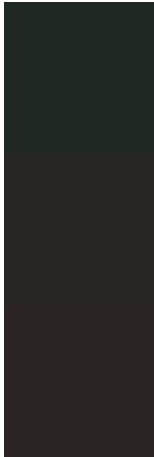
This preview shows how white text looks on a background with the YUV color 36.7390, -0.8573, -5.0331.

-5.0331.

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

36.7390, -0.8573, -5.0331

Protanopia

37.8430, -1.8946, 1.0147

Deuteranopia

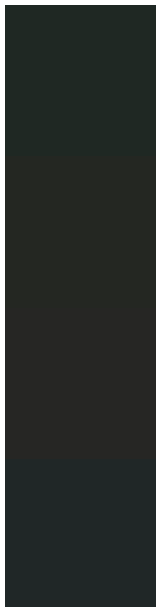
38.3810, -1.1738, 3.1739



Tritanopia

37.2490, 2.3422, -4.6034

Trichromacy



Original Color

36.7390, -0.8573, -5.0331

Protanomaly

37.5330, -1.7418, -1.3444

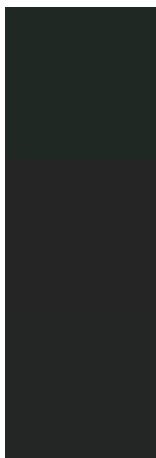
Deuteranomaly

37.7720, -0.8736, 0.2000

Tritanomaly

36.9070, 1.0318, -4.3034

Monochromacy



Original Color

36.7390, -0.8573, -5.0331

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7390, -0.8573, -5.0331 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(31, 40, 35)` looks like.

```
.text, #text, p{  
    color:rgb(31, 40, 35)  
}
```

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(31, 40, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 40, 35) }
```

Border

The CSS property to change the border of an element to YUV 36.7390, -0.8573, -5.0331 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(31, 40, 35) }
```


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

```
.border{ border-color:rgb(31, 40, 35) }
```

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

Here you see how a box with a 4 pixel rgb(31, 40, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 40, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 40, 35);  
box-shadow:4px 4px 4px 4px rgb(31, 40, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.7390, -0.8573, -5.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 40, 35) }
```

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

```
.background{ background-color: rgb(31, 40,  
35) }
```

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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