

Converting Colors

YUV(37.6850, -2.3097, -5.8627)

Have a look what the booklet for
YUV(37.6850, -2.3097, -5.8627)
contains.

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Color

**YUV(37.6850, -2.3097,
-5.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2A21
RGB	31, 42, 33
RGB Percent	12%, 16%, 13%
CMY	0.8784, 0.8353, 0.8706
CMYK	0.26, 0.00, 0.21, 0.84
HSL	131°, 15%, 14%
HSV	131°, 26%, 16%
XYZ	1.6676, 2.0570, 1.7480
YIQ	37.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

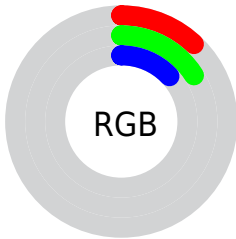
Format	Color
R_{YB}	31, 40, 42
Decimal	2042401
CIE Lab	15.78, -7.08, 4.35
CIE LCh	16, 8.305, 148.444
Yxy	2.0570, 0.3047, 0.3759
Android (android.graphics.Color)	4280232481 (0xFF1F2A21)
YUV	37.6850, -2.3097, -5.8627
Hunter-Lab	14.3424, -4.3454, 2.8136

Details

The YUV color **37.6850, -2.3097, -5.8627** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.3150, 2.3097, 5.8627**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2720, -2.5991, -6.3775**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.1470, -3.0305, -8.0219**, and if you desaturate by 10%, it is **39.2230, -1.5889, -3.7036**.

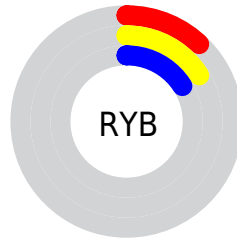
Distribution



Red (12%)

Green (16%)

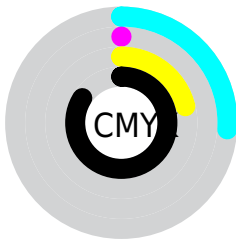
Blue (13%)



Red (12%)

Yellow (16%)

Blue (16%)

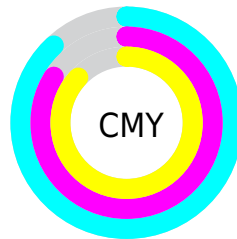


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (84%)



Cyan (88%)

Magenta (84%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6850, -2.3097, -5.8627 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 37.6850, -2.3097, -5.8627 by changing the saturation by 10% instead.

■ 37.6850, -2.3097,
-5.8627

■ 37.6850, -2.3097,
-5.8627

255.0000, 0.0000,
0.0000

■ 16.4460, -3.1779,
-7.4071

■ 82.2720, -2.5991,
-6.3775

■ 0.0000, 0.0000,
0.0000

■ 106.8590, -2.8885,
-6.8923

■ 131.8590, -2.8885,
-6.8923

■ 157.8590, -2.8885,
-6.8923

■ 184.5600, -2.7411,
-7.5071

■ 212.4460, -3.1779,

-7.4071

■ 241.0330, -3.4673,
-7.9219

■ 37.6850, -2.3097,
-5.8627

■ 37.6850, -2.3097,
-5.8627

■ 36.1470, -3.0305,
-8.0219

■ 39.2230, -1.5889,
-3.7036

■ 34.4950, -4.1880,
-10.0811

■ 40.8750, -0.4314,
-1.6444

■ 32.6580, -4.7614,
-12.8551

■ 42.7120, 0.1420,
1.1296

■ 31.0060, -5.9190,
-14.9143

■ 44.3640, 1.2995,
3.1888

■ 29.4680, -6.6397,
-17.0734

■ 45.9020, 2.0203,
5.3479

■ 27.8160, -7.7973,
-19.1326

■ 47.5540, 3.1779,
7.4071

■ 26.2780, -8.5181,
-21.2918

■ 49.0920, 3.8986,
9.5663

■ 25.5660, -8.6600,
-22.4214

■ 50.9290, 4.4720,
12.3403

■ 52.5810, 5.6296,
14.3995

Harmonies

Analogous

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



38.7350, -4.7994, -0.6446



37.6850, -2.3097, -5.8627



37.1620, 0.9061, -10.6661

Triad

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



37.6850, -2.3097, -5.8627



38.8620, 5.9840, -6.0180



39.6700, -2.7953, 9.9364

Complementary

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



37.6850, -2.3097, -5.8627



35.3150, 2.3097, 5.8627

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.



40.3540, -0.1745, 9.3365



37.6850, -2.3097, -5.8627



39.9660, 4.9468, 0.0298

Square

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



37.6850, -2.3097, -5.8627



37.7150, 5.5635, -11.1511



40.4290, 2.7465, 5.7628



39.7900, -4.8265, 8.0772

Rectangle

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



37.6850, -2.3097, -5.8627



37.0200, 2.9481, -12.2955



40.4290, 2.7465, 5.7628



39.8980, -1.9217, 9.7365

Sweetspot

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



37.6850, -2.3097, -5.8627



52.0490, -1.0102, -2.6740



40.1480, -4.5100, -0.1298



26.8750, -0.4314, -1.6444



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.



37.6850, -2.3097, -5.8627



47.3210, -3.6093, -9.0515



38.2550, -0.1257, -6.3626



19.2880, -0.1420, -1.1296



51.0180, -17.7569, -44.7428



128.7760, -44.7526, -112.9366

Inverse Universe

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



35.3150, 2.3097, 5.8627



43.6790, 3.6093, 9.0515



34.7450, 0.1257, 6.3626



18.8260, 0.5788, 1.0296



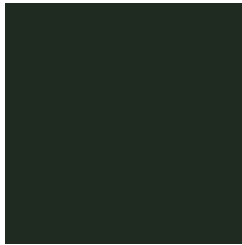
32.9820, 17.7569, 44.7428



83.1100, 44.3158, 113.0365

Previews

White Background



This preview shows how the YUV color 37.6850, -2.3097, -5.8627 looks on a white background.

Color Contrast Check

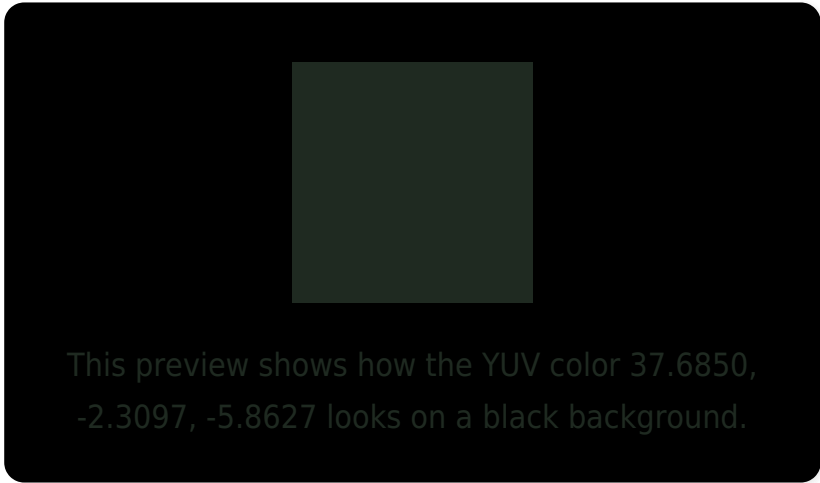
Large Text (above 18pt) WCAG AA ✓ Pass

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

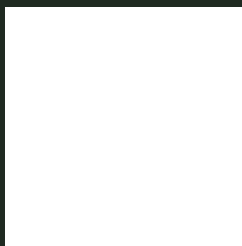
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.6850, -2.3097, -5.8627

Background



This preview shows how black text looks on a background with the YUV color 37.6850, -2.3097, -5.8627.



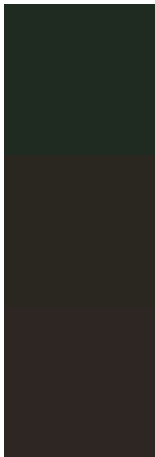
This preview shows how white text looks on a background with the YUV color 37.6850, -2.3097, -5.8627.

-5.8627.

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

37.6850, -2.3097, -5.8627

Protanopia

39.0990, -3.4998, 2.5442

Deuteranopia

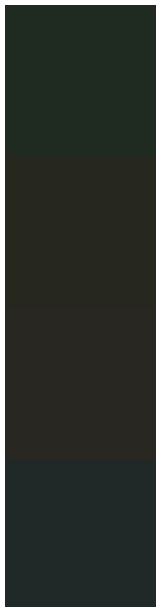
39.6370, -2.7790, 4.7034



Tritanopia

38.9500, 2.4897, -5.2181

Trichromacy



Original Color

37.6850, -2.3097, -5.8627

Protanomaly

38.4900, -3.1996, -0.4297

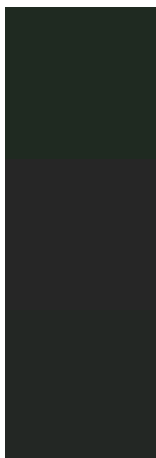
Deuteranomaly

38.7290, -2.3314, 1.1147

Tritanomaly

38.1950, 0.8899, -5.4330

Monochromacy



Original Color

37.6850, -2.3097, -5.8627

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.4620, -0.7208, -2.1592

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6850, -2.3097, -5.8627 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, 42, 33)` looks like.

```
.text, #text, p{  
    color:rgb(31, 42, 33)  
}
```

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, 42, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 42, 33) }
```

Border

The CSS property to change the border of an element to YUV 37.6850, -2.3097, -5.8627 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, 42, 33) }
```


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

```
.border{ border-color:rgb(31, 42, 33) }
```

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

Here you see how a box with a 4 pixel rgb(31, 42, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 42, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 42, 33);  
box-shadow:4px 4px 4px 4px rgb(31, 42, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6850, -2.3097, -5.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 42, 33) }
```

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

```
.background{ background-color: rgb(31, 42,  
33) }
```

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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