

Converting Colors

YUV(36.8750, 3.0196, 11.5106)

Have a look what the booklet for
YUV(36.8750, 3.0196, 11.5106)
contains.

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Color

**YUV(36.8750, 3.0196,
11.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	321D2B
RGB	50, 29, 43
RGB Percent	20%, 11%, 17%
CMY	0.8039, 0.8863, 0.8314
CMYK	0.00, 0.42, 0.14, 0.80
HSL	320°, 27%, 15%
HSV	320°, 42%, 20%
XYZ	2.1908, 1.7313, 2.5042
YIQ	36.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

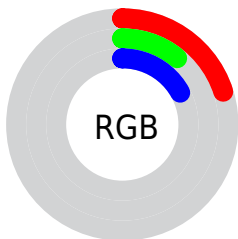
Format	Color
R_{YB}	50, 29, 43
Decimal	3284267
CIE _{Lab}	14.01, 12.95, -5.14
CIE _{LCh}	14, 13.930, 338.358
Yxy	1.7313, 0.3409, 0.2694
Android (android.graphics.Color)	4281474347 (0xFF321D2B)
YUV	36.8750, 3.0196, 11.5106
Hunter-Lab	13.1577, 6.6948, -2.0738

Details

The YUV color **36.8750, 3.0196, 11.5106** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.1250, -3.0196, -11.5106**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8860, 3.0142, 13.2550**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.7120, 3.5930, 14.2846**, and if you desaturate by 10%, it is **40.0380, 2.4463, 8.7367**.

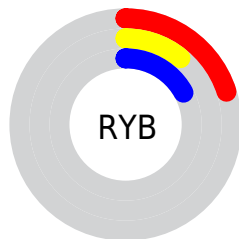
Distribution



Red (20%)

Green (11%)

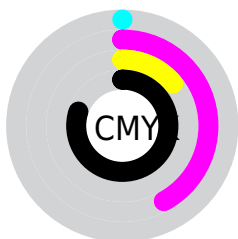
Blue (17%)



Red (20%)

Yellow (11%)

Blue (17%)

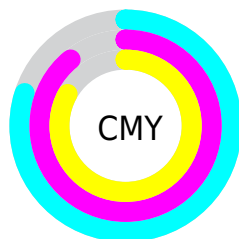


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (80%)



Cyan (80%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8750, 3.0196, 11.5106 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 36.8750, 3.0196, 11.5106 by changing the saturation by 10% instead.

■ 36.8750, 3.0196,
11.5106

■ 36.8750, 3.0196,
11.5106

■ 255.0000, 0.0000,
0.0000

■ 14.5270, 4.1772,
13.5698

■ 81.8860, 3.0142,
13.2550

■ 0.0000, 0.0000,
0.0000

■ 106.2990, 3.3036,
13.7698

■ 131.5980, 3.1562,
14.3846

■ 157.7120, 3.5930,
14.2846

■ 184.4240, 3.7350,
15.4142

■ 212.3100, 3.2982,

15.5141

239.5270, 4.1772,
13.5698

36.8750, 3.0196,
11.5106

36.8750, 3.0196,
11.5106

33.7120, 3.5930,
14.2846

40.0380, 2.4463,
8.7367

30.6630, 4.6031,
16.9585

43.0870, 1.4361,
6.0627

27.5000, 5.1765,
19.7325

46.2500, 0.8628,
3.2887

24.3370, 5.7499,
22.5065

49.4130, 0.2894,
0.5148

21.2880, 6.7600,
25.1804

52.4620, -0.7208,
-2.1592

■ 18.7120, 7.0440,
27.4396

■ 55.6250, -1.2941,
-4.9331

■ 58.7880, -1.8675,
-7.7071

■ 61.8370, -2.8776,
-10.3810

■ 65.0000, -3.4510,
-13.1550

Harmonies

Analogous

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



36.5580, 7.1199, 3.0186



36.8750, 3.0196, 11.5106



36.3440, -1.6486, 15.4843

Triad

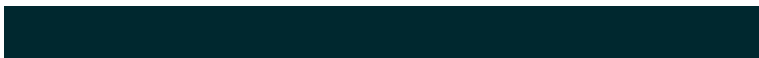
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.8750, 3.0196, 11.5106



34.6170, -9.1782, 3.8439



28.8380, 8.9539, -25.2909

Complementary

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



36.8750, 3.0196, 11.5106



42.1250, -3.0196, -11.5106

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.



29.2960, 4.2911, -23.0616



36.8750, 3.0196, 11.5106



33.8440, -6.8251, -4.2482

Square

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



36.8750, 3.0196, 11.5106



35.6610, -9.1999, 10.8213



31.4560, -1.7038, -13.5549



31.0280, 10.8322, -21.0726

Rectangle

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



36.8750, 3.0196, 11.5106



36.2470, -4.5588, 15.5694



31.4560, -1.7038, -13.5549



29.1970, 7.7909, -25.6058

Sweetspot

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



36.8750, 3.0196, 11.5106



58.3750, 1.2941, 4.9331



33.4870, 8.1409, 2.2039



29.8370, 0.5734, 2.7740



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



36.8750, 3.0196, 11.5106



43.9620, 4.4557, 17.5733



35.7350, -1.3484, 12.5104



24.1250, 0.4314, 1.6444



33.4510, 13.0887, 48.7165



81.4130, 31.3484, 118.9098

Inverse Universe

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



36.8750, 3.0196, 11.5106



43.9620, 4.4557, 17.5733



43.3790, 1.7852, -12.6104



24.1250, 0.4314, 1.6444



33.4510, 13.0887, 48.7165



81.4130, 31.3484, 118.9098

Previews

White Background



This preview shows how the YUV color 36.8750, 3.0196, 11.5106 looks on a white background.

Color Contrast Check

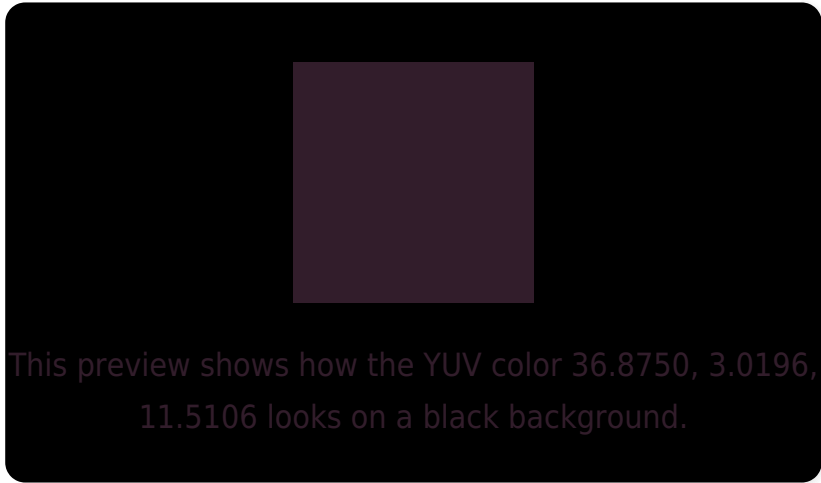
Large Text (above 18pt) WCAG AA ✓ Pass

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

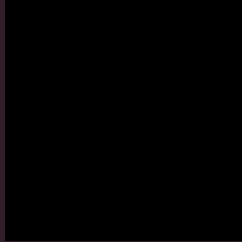
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8750, 3.0196, 11.5106

Background



This preview shows how black text looks on a background with the YUV color 36.8750, 3.0196, 11.5106.



This preview shows how white text looks on a background with the YUV color 36.8750, 3.0196, 11.5106.

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

36.8750, 3.0196, 11.5106

Protanopia

36.4710, 5.6838, -3.0441

Deuteranopia

36.3960, 2.7628, 0.5297



Tritanopia

36.6100, -1.7797, 10.8660

Trichromacy



Original Color

36.8750, 3.0196, 11.5106

Protanomaly

36.2760, 4.7939, 2.3889

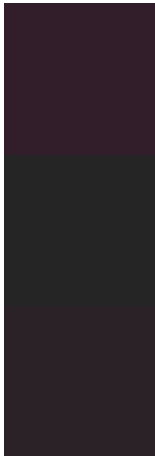
Deuteranomaly

36.7170, 2.6045, 4.6332

Tritanomaly

36.4790, 0.2569, 10.9809

Monochromacy



Original Color

36.8750, 3.0196, 11.5106

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8750, 3.0196, 11.5106 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(50, 29, 43)` looks like.

```
.text, #text, p{  
    color:rgb(50, 29, 43)  
}
```

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(50, 29, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 29, 43) }
```

Border

The CSS property to change the border of an element to YUV 36.8750, 3.0196, 11.5106 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(50, 29, 43) }
```


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

```
.border{ border-color:rgb(50, 29, 43) }
```

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

Here you see how a box with a 4 pixel rgb(50, 29, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 29, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 29, 43);  
box-shadow:4px 4px 4px 4px rgb(50, 29, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8750, 3.0196, 11.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 29, 43) }
```

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

```
.background{ background-color: rgb(50, 29,  
43) }
```

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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