

Converting Colors

YUV(35.3930, -2.6587, 12.8103)

Have a look what the booklet for
YUV(35.3930, -2.6587, 12.8103)
contains.

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Color

**YUV(35.3930, -2.6587,
12.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	321D1E
RGB	50, 29, 30
RGB Percent	20%, 11%, 12%
CMY	0.8039, 0.8863, 0.8824
CMYK	0.00, 0.42, 0.40, 0.80
HSL	357°, 27%, 15%
HSV	357°, 42%, 20%
XYZ	1.9891, 1.6506, 1.4421
YIQ	35.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

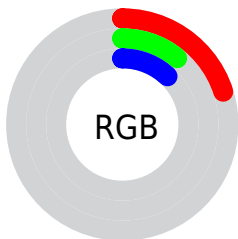
Format	Color
R_{YB}	50, 29, 30
Decimal	3284254
CIE Lab	13.53, 10.48, 3.60
CIE LCh	14, 11.084, 18.971
Yxy	1.6506, 0.3914, 0.3248
Android (android.graphics.Color)	4281474334 (0xFF321D1E)
YUV	35.3930, -2.6587, 12.8103
Hunter-Lab	12.8475, 5.1530, 2.3383

Details

The YUV color **35.3930, -2.6587, 12.8103** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.6070, 2.6587, -12.8103**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.2900, -3.1010, 14.6547**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.8880, -3.3958, 15.8842**, and if you desaturate by 10%, it is **38.8980, -1.9217, 9.7365**.

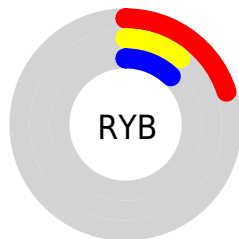
Distribution



Red (20%)

Green (11%)

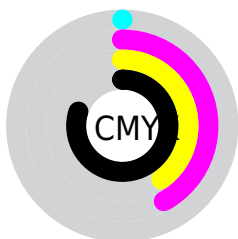
Blue (12%)



Red (20%)

Yellow (11%)

Blue (12%)

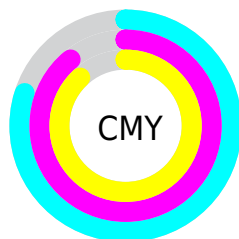


Cyan (0%)

Magenta (42%)

Yellow (40%)

Black (80%)



Cyan (80%)

Magenta (89%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3930, -2.6587, 12.8103 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 35.3930, -2.6587, 12.8103 by changing the saturation by 10% instead.

■ 35.3930, -2.6587,
12.8103

■ 35.3930, -2.6587,
12.8103

■ 255.0000, 0.0000,
0.0000

■ 12.1870, -3.5432,
16.4990

■ 80.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 104.4750, -3.6852,
15.3694

■ 129.7740, -3.8326,
15.9842

■ 155.4860, -3.6906,
17.1138

■ 182.6710, -4.2748,
17.8285

■ 210.0840, -3.9854,

18.3433

■ 236.8880, -3.3958,
15.8842

■ 35.3930, -2.6587,
12.8103

■ 35.3930, -2.6587,
12.8103

■ 31.8880, -3.3958,
15.8842

■ 38.8980, -1.9217,
9.7365

■ 28.3830, -4.1328,
18.9581

■ 42.4030, -1.1847,
6.6626

■ 24.9920, -4.4331,
21.9320

■ 45.7940, -0.8844,
3.6887

■ 21.4870, -5.1701,
25.0059

■ 49.2990, -0.1474,
0.6148

■ 17.9820, -5.9071,
28.0798

■ 52.8040, 0.5896,
-2.4591

■ 15.1780, -6.4968,
30.5389

■ 56.3090, 1.3267,
-5.5330

■ 59.7000, 1.6269,
-8.5069

■ 63.2050, 2.3639,
-11.5808

■ 66.7100, 3.1010,
-14.6547

Harmonies

Analogous

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



35.7070, 1.1304, 10.7810



35.3930, -2.6587, 12.8103



35.1710, -6.0003, 11.2510

Triad

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



35.3930, -2.6587, 12.8103



32.8160, -4.3463, -5.9776



32.8120, 8.4737, -11.2361

Complementary

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



35.3930, -2.6587, 12.8103



43.6070, 2.6587, -12.8103

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.



30.5400, 7.6218, -18.0136



35.3930, -2.6587, 12.8103



31.5100, -0.2514, -12.7253

Square

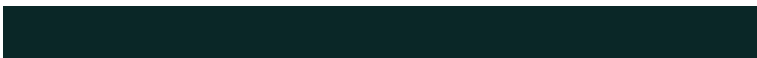
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.3930, -2.6587, 12.8103



33.8770, -6.8414, 0.9849



30.3290, 4.2748, -17.8285



35.1120, 6.8468, -2.7292

Rectangle

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



35.3930, -2.6587, 12.8103



34.5190, -7.1579, 9.1918



30.3290, 4.2748, -17.8285



32.0890, 8.3371, -14.1101

Sweetspot

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



35.3930, -2.6587, 12.8103



57.8050, -0.8899, 5.4330



37.3740, 6.2246, 10.1960



29.4950, -0.7370, 3.0739



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.



35.3930, -2.6587, 12.8103



41.6820, -4.2802, 19.5729



40.5620, -5.7001, 8.2771



23.8970, -0.4422, 1.8443



27.0670, -11.3720, 54.3152



66.0230, -27.6193, 132.4068

Inverse Universe

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



35.3930, -2.6587, 12.8103



41.6820, -4.2802, 19.5729



38.4380, 5.7001, -8.2771



23.8970, -0.4422, 1.8443



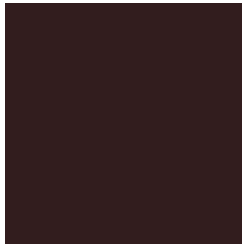
27.0670, -11.3720, 54.3152



66.0230, -27.6193, 132.4068

Previews

White Background



This preview shows how the YUV color 35.3930, -2.6587, 12.8103 looks on a white background.

Color Contrast Check

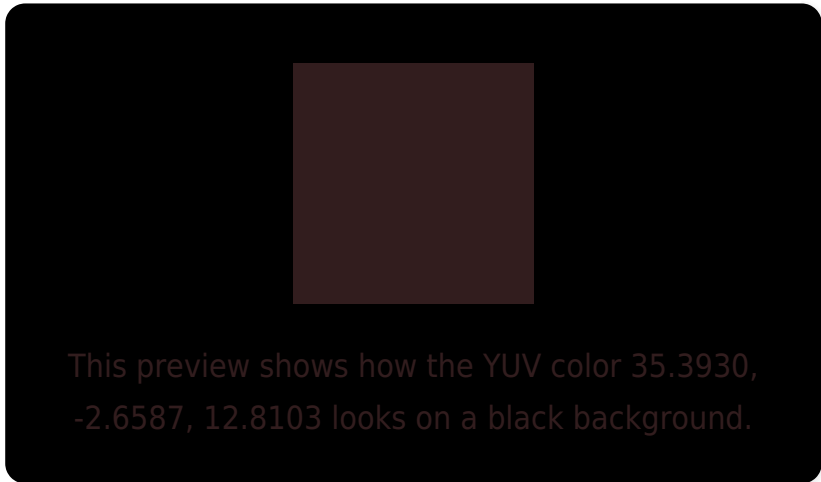
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3930, -2.6587, 12.8103

Background



This preview shows how black text looks on a background with the YUV color 35.3930, -2.6587, 12.8103.

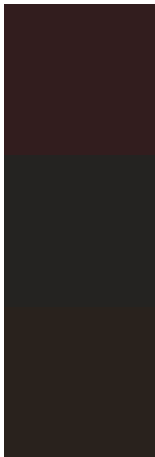


This preview shows how white text looks on a background with the YUV color 35.3930, -2.6587,

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

35.3930, -2.6587, 12.8103

Protanopia

35.0710, -1.0210, 0.8147

Deuteranopia

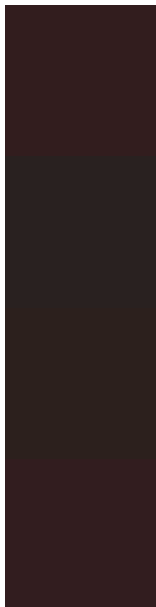
35.5230, -3.2158, 4.8033



Tritanopia

35.5070, -2.2220, 12.7104

Trichromacy



Original Color

35.3930, -2.6587, 12.8103

Protanomaly

35.2780, -1.6161, 5.0182

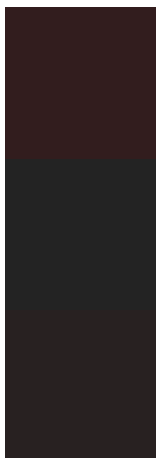
Deuteranomaly

35.2460, -3.0793, 7.6773

Tritanomaly

35.5070, -2.2220, 12.7104

Monochromacy



Original Color

35.3930, -2.6587, 12.8103

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3930, -2.6587, 12.8103 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(50, 29, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 29, 30) }
```

Border

The CSS property to change the border of an element to YUV 35.3930, -2.6587, 12.8103 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, 30) }
```


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

```
.border{ border-color:rgb(50, 29, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 29, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 29, 30);  
box-shadow:4px 4px 4px 4px rgb(50, 29, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.3930, -2.6587, 12.8103 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, 30) }
```

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

```
.background{ background-color: rgb(50, 29,  
30) }
```

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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