

Converting Colors

YUV(34.9430, -6.8739, 11.4510)

Have a look what the booklet for
YUV(34.9430, -6.8739, 11.4510)
contains.

YUV(34.9430, -6.8739, 11.4510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(34.9430, -6.8739,
11.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	301F15
RGB	48, 31, 21
RGB Percent	19%, 12%, 8%
CMY	0.8118, 0.8784, 0.9176
CMYK	0.00, 0.35, 0.56, 0.81
HSL	22°, 39%, 14%
HSV	22°, 56%, 19%
XYZ	1.8443, 1.6625, 0.9332
YIQ	34.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

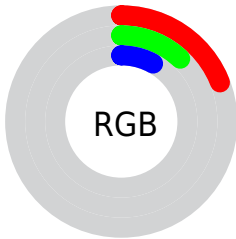
Format	Color
R_YB	48, 37, 21
Decimal	3153685
CIE Lab	13.61, 6.75, 10.11
CIE LCh	14, 12.155, 56.286
Yxy	1.6625, 0.4154, 0.3744
Android (android.graphics.Color)	4281343765 (0xFF301F15)
YUV	34.9430, -6.8739, 11.4510
Hunter-Lab	12.8938, 2.9677, 4.7347

Details

The YUV color **34.9430, -6.8739, 11.4510** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.0570, 6.8739, -11.4510**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.6120, -8.1897, 13.4953**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.6120, -8.1897, 13.4953**, and if you desaturate by 10%, it is **37.2740, -5.5581, 9.4067**.

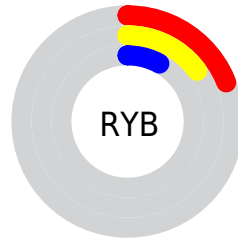
Distribution



Red (19%)

Green (12%)

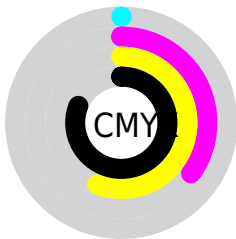
Blue (8%)



Red (19%)

Yellow (15%)

Blue (8%)

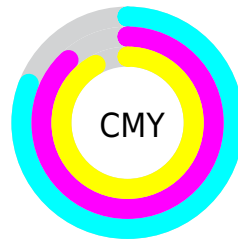


Cyan (0%)

Magenta (35%)

Yellow (56%)

Black (81%)



Cyan (81%)

Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9430, -6.8739, 11.4510 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 34.9430, -6.8739, 11.4510 by changing the saturation by 10% instead.

■ 34.9430, -6.8739,
11.4510

■ 34.9430, -6.8739,
11.4510

■ 253.9740, -3.9312,
0.8998

■ 12.4810, -6.1531,
13.6102

■ 79.6120, -8.1897,
13.4953

■ 0.0000, 0.0000,
0.0000

■ 103.9110, -8.3371,
14.1101

■ 129.0960, -8.9213,
14.8248

■ 154.6940, -9.2161,
16.0544

■ 181.9930, -9.3635,
16.6691

■ 209.2920, -9.5110,

17.2839

■ 237.2810, -9.5055,
15.5396

■ 34.9430, -6.8739,
11.4510

■ 34.9430, -6.8739,
11.4510

■ 32.6120, -8.1897,
13.4953

■ 37.2740, -5.5581,
9.4067

■ 30.2810, -9.5055,
15.5396

■ 39.6050, -4.2423,
7.3624

■ 28.0640, -10.3846,
17.4839

■ 41.8220, -3.3632,
5.4181

■ 25.7330, -11.7004,
19.5282

■ 44.1530, -2.0474,
3.3738

■ 24.9180, -12.2846,
20.2429

■ 46.4840, -0.7316,
1.3295

■ 48.8150, 0.5842,
-0.7148

■ 51.1460, 1.9000,
-2.7590

■ 53.3630, 2.7790,
-4.7034

■ 55.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



35.4640, -3.6798, 13.6251



34.9430, -6.8739, 11.4510



34.2690, -8.0206, 5.9031

Triad

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



34.9430, -6.8739, 11.4510



30.2430, 1.3592, -15.9991



35.2370, 7.2782, -1.0848

Complementary

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



34.9430, -6.8739, 11.4510



34.0570, 6.8739, -11.4510

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.



33.3390, 9.1999, -10.8213



34.9430, -6.8739, 11.4510



29.1760, 6.3222, -21.2024

Square

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



34.9430, -6.8739, 11.4510



32.0330, -3.4673, -7.9219



30.2840, 9.2270, -19.5431



36.0810, 3.9041, 7.8220

Rectangle

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



34.9430, -6.8739, 11.4510



33.9480, -7.8624, 1.7996



30.2840, 9.2270, -19.5431



34.7420, 8.0152, -4.1587

Sweetspot

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



34.9430, -6.8739, 11.4510



56.3380, -2.6316, 4.0886



31.0110, 3.4456, 14.8994



27.8540, -1.9000, 2.7590



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



34.9430, -6.8739, 11.4510



41.0640, -10.3846, 17.4839



42.5740, -10.6360, 4.7586



22.1850, -0.5842, 0.7148



44.7970, -22.0849, 37.0120



110.3590, -54.4070, 90.8932

Inverse Universe

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



34.0570, 6.8739, -11.4510



39.9360, 10.3846, -17.4839



26.4260, 10.6360, -4.7586



21.8150, 0.5842, -0.7148



42.2030, 22.0849, -37.0120



103.6410, 54.4070, -90.8932

Previews

White Background



This preview shows how the YUV color 34.9430, -6.8739, 11.4510 looks on a white background.

Color Contrast Check

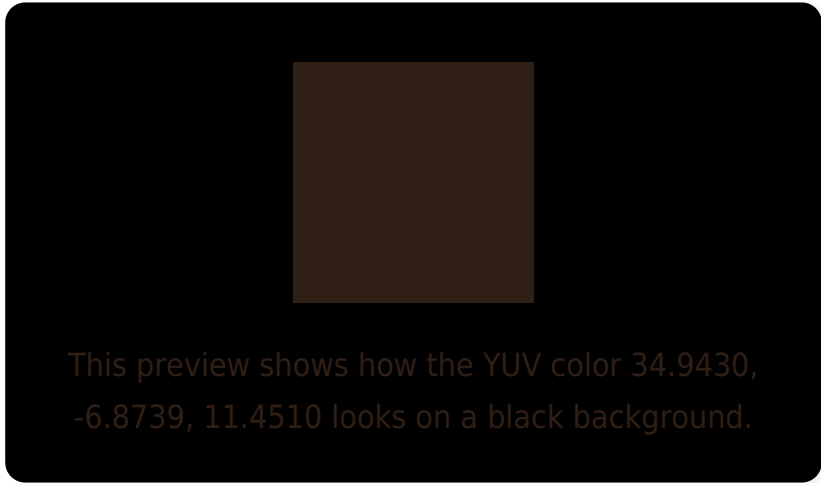
Large Text (above 18pt) WCAG AA ✓ Pass

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

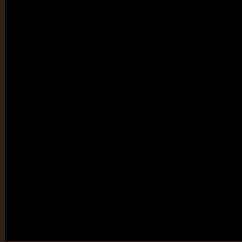
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.9430, -6.8739, 11.4510

Background



This preview shows how black text looks on a background with the YUV color 34.9430, -6.8739, 11.4510.



This preview shows how white text looks on a background with the YUV color 34.9430, -6.8739,

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

34.9430, -6.8739, 11.4510

Protanopia

34.5290, -5.6838, 3.0441

Deuteranopia

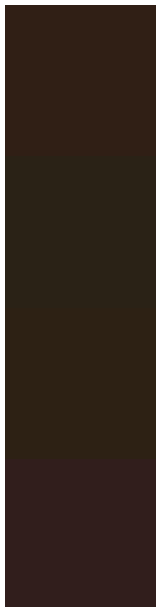
35.0950, -7.4418, 6.9327



Tritanopia

35.9090, -1.9271, 11.4808

Trichromacy



Original Color

34.9430, -6.8739, 11.4510

Protanomaly

35.0240, -6.4208, 6.1180

Deuteranomaly

35.1060, -7.4473, 8.6770

Tritanomaly

35.4530, -3.6743, 11.8807

Monochromacy



Original Color

34.9430, -6.8739, 11.4510

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9430, -6.8739, 11.4510 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(48, 31, 21)` looks like.

```
.text, #text, p{  
    color:rgb(48, 31, 21)  
}
```

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(48, 31, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 31, 21) }
```

Border

The CSS property to change the border of an element to YUV 34.9430, -6.8739, 11.4510 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(48, 31, 21) }
```


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

```
.border{ border-color:rgb(48, 31, 21) }
```

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

Here you see how a box with a 4 pixel rgb(48, 31, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 31, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 31, 21);  
box-shadow:4px 4px 4px 4px rgb(48, 31, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.9430, -6.8739, 11.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 31, 21) }
```

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

```
.background{ background-color: rgb(48, 31,  
21) }
```

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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