

Converting Colors

YUV(89.2930, -34.6544, 8.5130)

Have a look what the booklet for
YUV(89.2930, -34.6544, 8.5130)
contains.

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Color

**YUV(89.2930, -34.6544,
8.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	636213
RGB	99, 98, 19
RGB Percent	39%, 38%, 7%
CMY	0.6118, 0.6157, 0.9255
CMYK	0.00, 0.01, 0.81, 0.61
HSL	59°, 68%, 23%
HSV	59°, 81%, 39%
XYZ	9.6308, 11.4350, 2.3157
YIQ	89.2930, 25.9550, -24.3570

Conversions

Conversions Part 2

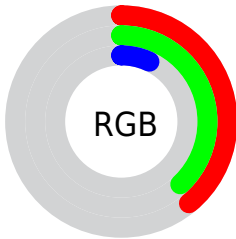
Format	Color
R_{YB}	20, 99, 19
Decimal	6513171
CIE _{Lab}	40.30, -9.59, 41.66
CIE _{LCh}	40, 42.752, 102.959
Yxy	11.4350, 0.4119, 0.4891
Android (android.graphics.Color)	4284703251 (0xFF636213)
YUV	89.2930, -34.6544, 8.5130
Hunter-Lab	33.8157, -8.3402, 19.6109

Details

The YUV color **89.2930, -34.6544, 8.5130** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **28.7070, 34.6544, -8.5130**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1900, -35.0967, 10.3574**, and **45.1750, -22.2713, 3.3545** is the 20% darker color. If you saturate the color by 10%, you get **88.1530, -39.0224, 9.5128**, and if you desaturate by 10%, it is **90.4330, -30.2865, 7.5133**.

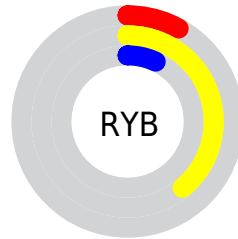
Distribution



Red (39%)

Green (38%)

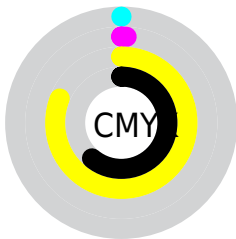
Blue (7%)



Red (8%)

Yellow (39%)

Blue (7%)

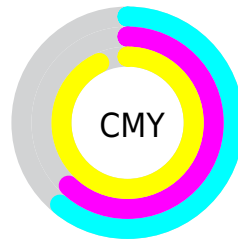


Cyan (0%)

Magenta (1%)

Yellow (81%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2930, -34.6544, 8.5130 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 89.2930, -34.6544, 8.5130 by changing the saturation by 10% instead.

89.2930, -34.6544,
8.5130

89.2930, -34.6544,
8.5130

255.0000, 0.0000,
0.0000

65.2650, -32.1756,
6.7836

140.1900,
-35.0967, 10.3574

45.1750, -22.2713,
3.3545

167.2610,
-36.1177, 11.1721

25.6720, -12.6563,
-0.5893

194.4460,
-36.7019, 11.8869

1.1740, -0.5788,
-1.0296

222.6310,
-37.2861, 12.6016

0.0000, 0.0000,
0.0000

245.7660,
-35.3806, 8.0982

248.8440,

-23.5871, 5.3988

■ 252.1500,
-10.9200, 2.4994

■ 89.2930, -34.6544,
8.5130

■ 89.2930, -34.6544,
8.5130

■ 88.1530, -39.0224,
9.5128

■ 90.4330, -30.2865,
7.5133

■ 87.1270, -42.9536,
10.4126

■ 91.5730, -25.9185,
6.5135

■ 92.7130, -21.5505,
5.5137

■ 93.8530, -17.1825,
4.5139

■ 95.5800, -13.1039,
2.9993

■ 96.6060, -9.1728,
2.0995

■ 97.7460, -4.8048,
1.0998

■ 98.8860, -0.4368,
0.1000

■ 100.0260, 3.9312,
-0.8998

Harmonies

Analogous

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



92.0880, -33.5674, 33.2488



89.2930, -34.6544, 8.5130



84.8360, -21.6111, -21.7812

Triad

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



89.2930, -34.6544, 8.5130



80.7580, 30.1923, -70.8248



96.2180, 9.7525, 45.4128

Complementary

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



89.2930, -34.6544, 8.5130



28.7070, 34.6544, -8.5130

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.



97.7010, 23.8114, 16.0482



89.2930, -34.6544, 8.5130



79.5160, 40.6646, -69.7355

Square

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



89.2930, -34.6544, 8.5130



78.2840, 15.6360, -68.6551



90.2050, 35.8879, -30.8748



93.1690, -5.9993, 57.7338

Rectangle

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



89.2930, -34.6544, 8.5130



74.6390, -6.2310, -54.9344



90.2050, 35.8879, -30.8748



96.8410, 14.8684, 37.8504

Sweetspot

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



89.2930, -34.6544, 8.5130



123.8790, -13.2513, 3.6141



43.0340, -11.3558, 49.0822



61.8340, -8.2992, 1.8996



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.2930, -34.6544, 8.5130



112.6900, -53.5842, 13.4269



78.2190, -29.1950, -15.9781



47.5440, -1.7472, 0.3999



98.6450, -48.6320, 11.7123



210.8790, -103.9633, 25.5391

Inverse Universe

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



28.7070, 34.6544, -8.5130



18.7230, 53.8736, -12.9121



39.7810, 29.1950, 15.9781



44.4560, 1.7472, -0.3999



13.3550, 48.6320, -11.7123



29.1210, 103.9633, -25.5391

Previews

White Background



This preview shows how the YUV color 89.2930, -34.6544, 8.5130 looks on a white background.

Color Contrast Check

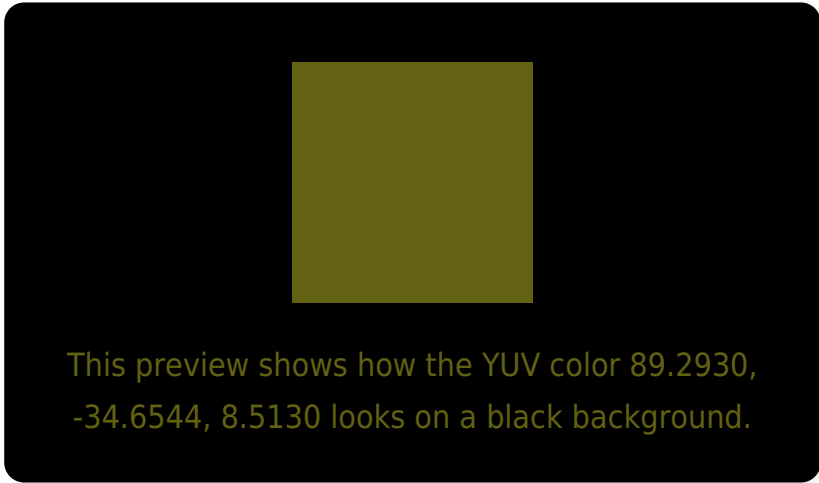
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

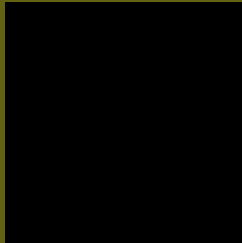
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2930, -34.6544, 8.5130

Background



This preview shows how black text looks on a background with the YUV color 89.2930, -34.6544, 8.5130.



This preview shows how white text looks on a background with the YUV color 89.2930, -34.6544,

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

89.2930, -34.6544, 8.5130

Protanopia

89.8100, -35.4023, 15.0756

Deuteranopia

91.3320, -33.6877, 25.1418



Tritanopia

95.9840, 0.9939, 7.9070

Trichromacy



Original Color

89.2930, -34.6544, 8.5130

Protanomaly

89.5000, -35.2495, 12.7165

Deuteranomaly

90.5870, -33.8134, 18.7792

Tritanomaly

93.8410, -12.2466, 8.0324

Monochromacy



Original Color

89.2930, -34.6544, 8.5130

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1070, -12.3778, 3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2930, -34.6544, 8.5130 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(99, 98, 19)` looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 19)  
}
```

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(99, 98, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 19) }
```

Border

The CSS property to change the border of an element to YUV 89.2930, -34.6544, 8.5130 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(99, 98, 19) }
```


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

```
.border{ border-color:rgb(99, 98, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 19);  
box-shadow:4px 4px 4px 4px rgb(99, 98, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.2930, -34.6544, 8.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 19) }
```

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

```
.background{ background-color: rgb(99, 98,  
19) }
```

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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