

Converting Colors

YUV(80.6950, -34.3596, 7.2835)

Have a look what the booklet for
YUV(80.6950, -34.3596, 7.2835)
contains.

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Color

**YUV(80.6950, -34.3596,
7.2835)**

Conversions

Conversions Part 1

Format	Color
Hex	595A0B
RGB	89, 90, 11
RGB Percent	35%, 35%, 4%
CMY	0.6510, 0.6471, 0.9569
CMYK	0.01, 0.00, 0.88, 0.65
HSL	61°, 78%, 20%
HSV	61°, 88%, 35%
XYZ	7.8364, 9.4603, 1.7296
YIQ	80.6950, 24.7630, -24.7810

Conversions

Conversions Part 2

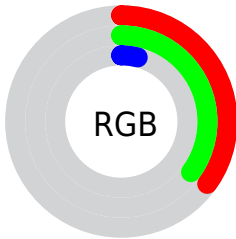
Format	Color
R_{YB}	11, 90, 12
Decimal	5855755
CIE Lab	36.86, -10.21, 40.85
CIE LCh	37, 42.111, 104.029
Yxy	9.4603, 0.4119, 0.4972
Android (android.graphics.Color)	4284045835 (0xFF595A0B)
YUV	80.6950, -34.3596, 7.2835
Hunter-Lab	30.7577, -8.3479, 18.1963

Details

The YUV color **80.6950, -34.3596, 7.2835** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20.3050, 34.3596, -7.2835**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7060, -34.3651, 9.0278**, and **38.3750, -18.9189, 1.4251** is the 20% darker color. If you saturate the color by 10%, you get **79.6690, -38.2908, 8.1833**, and if you desaturate by 10%, it is **81.7210, -30.4285, 6.3837**.

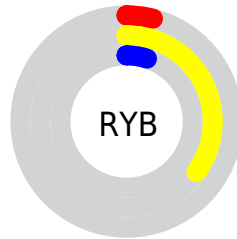
Distribution



Red (35%)

Green (35%)

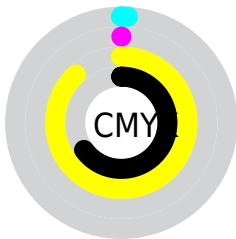
Blue (4%)



Red (4%)

Yellow (35%)

Blue (5%)

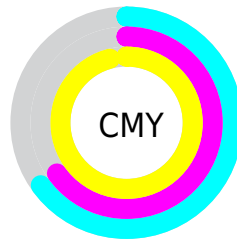


Cyan (1%)

Magenta (0%)

Yellow (88%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.6950, -34.3596, 7.2835 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 80.6950, -34.3596, 7.2835 by changing the saturation by 10% instead.

80.6950, -34.3596,
7.2835

80.6950, -34.3596,
7.2835

254.5440, -1.7472,
0.3999

58.4650, -28.8232,
4.8542

131.7060,
-34.3651, 9.0278

38.3750, -18.9189,
1.4251

157.8910,
-34.9493, 9.7426

18.2630, -9.0037,
-5.4927

185.0760,
-35.5335, 10.4573


0.0000, 0.0000,
0.0000


213.1470,
-36.5545, 11.2721


241.9190,
-37.4281, 11.4720


247.9320,


-27.0815, 6.1986


 251.2380,
-14.4143, 3.2993


 80.6950, -34.3596,
7.2835


 80.6950, -34.3596,
7.2835


 79.6690, -38.2908,
8.1833


 81.7210, -30.4285,
6.3837

 79.4410, -39.1644,
8.3832

 82.7470, -26.4973,
5.4839

 83.7730, -22.5661,
4.5841

 84.7990, -18.6349,
3.6843

 86.1240, -14.8511,
3.3993

■ 87.1500, -10.9199,
2.4995

■ 88.1760, -6.9888,
1.5996

■ 89.2020, -3.0576,
0.6998

■ 90.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



83.1910, -33.1252, 31.4045



80.6950, -34.3596, 7.2835



76.4660, -20.4427, -23.2107

Triad

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



80.6950, -34.3596, 7.2835



74.4490, 28.8656, -65.2918



87.1040, 9.3157, 45.5128

Complementary

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



80.6950, -34.3596, 7.2835



20.3050, 34.3596, -7.2835

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.



89.7720, 22.7904, 16.8630



80.6950, -34.3596, 7.2835



73.6800, 38.6118, -64.6174

Square

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



80.6950, -34.3596, 7.2835



72.0890, 14.7461, -63.2221



81.9880, 35.0089, -28.9305



84.7450, -6.2833, 55.4746

Rectangle

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



80.6950, -34.3596, 7.2835



65.5570, -5.2046, -57.4935



81.9880, 35.0089, -28.9305



88.3140, 14.1422, 37.4356

Sweetspot

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



80.6950, -34.3596, 7.2835



113.5800, -13.1039, 2.9993



34.6210, -11.6452, 48.5674



56.5350, -8.1518, 1.2848



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.6950, -34.3596, 7.2835



103.3630, -50.9580, 11.0826



69.3330, -28.7582, -16.0780



45.4300, -2.1840, 0.4999



96.8620, -47.7530, 9.7680



209.0850, -103.0789, 21.8505

Inverse Universe

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



20.3050, 34.3596, -7.2835



13.6370, 50.9580, -11.0826



31.9660, 28.6108, 16.6928



41.5700, 2.1840, -0.4999



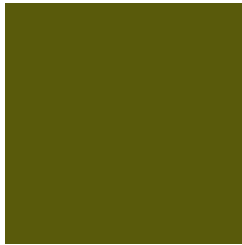
12.8390, 47.9004, -10.3828



27.9150, 103.0789, -21.8505

Previews

White Background



This preview shows how the YUV color 80.6950, -34.3596, 7.2835 looks on a white background.

Color Contrast Check

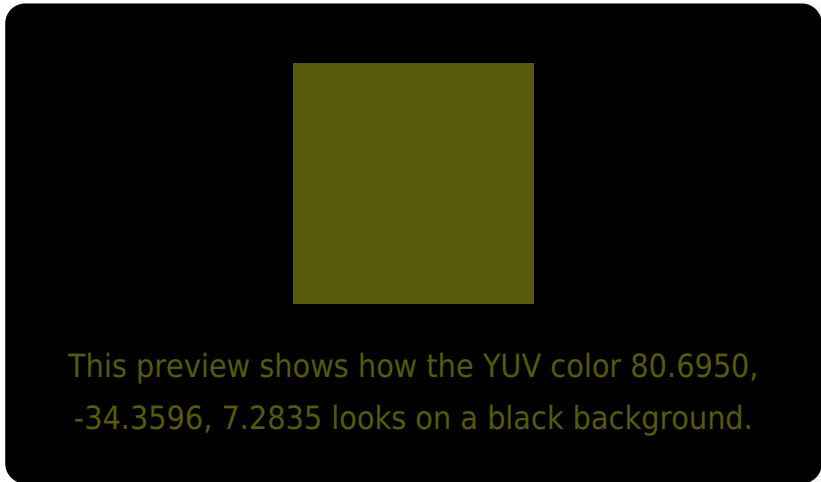
Large Text (above 18pt) WCAG AA ✓ Pass

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

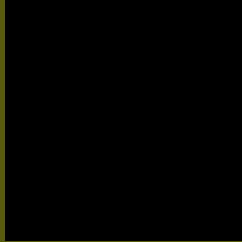
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.6950, -34.3596, 7.2835

Background



This preview shows how black text looks on a background with the YUV color 80.6950, -34.3596, 7.2835.

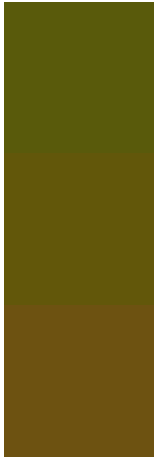


This preview shows how white text looks on a background with the YUV color 80.6950, -34.3596,

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

80.6950, -34.3596, 7.2835

Protanopia

81.5110, -35.2549, 14.4609

Deuteranopia

82.6630, -32.3719, 23.0975



Tritanopia

87.9730, 0.9993, 6.1627

Trichromacy



Original Color

80.6950, -34.3596, 7.2835

Protanomaly

81.2010, -35.1021, 12.1017

Deuteranomaly

82.1030, -33.0818, 17.4497

Tritanomaly

85.2430, -11.9518, 6.8029

Monochromacy



Original Color

80.6950, -34.3596, 7.2835

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8080, -12.2303, 2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.6950, -34.3596, 7.2835 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(89, 90, 11)` looks like.

```
.text, #text, p{  
    color:rgb(89, 90, 11)  
}
```

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(89, 90, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 90, 11) }
```

Border

The CSS property to change the border of an element to YUV 80.6950, -34.3596, 7.2835 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(89, 90, 11) }
```


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

```
.border{ border-color:rgb(89, 90, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 90, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 90, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 90, 11);  
box-shadow:4px 4px 4px 4px rgb(89, 90, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.6950, -34.3596, 7.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 90, 11) }
```

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

```
.background{ background-color: rgb(89, 90,  
11) }
```

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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