

Converting Colors

YUV(79.0820, -38.0014, 8.6981)

Have a look what the booklet for
YUV(79.0820, -38.0014, 8.6981)
contains.

YUV(79.0820, -38.0014, 8.6981)	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(79.0820, -38.0014,
8.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	595902
RGB	89, 89, 2
RGB Percent	35%, 35%, 1%
CMY	0.6510, 0.6510, 0.9922
CMYK	0.00, 0.00, 0.98, 0.65
HSL	60°, 96%, 18%
HSV	60°, 98%, 35%
XYZ	7.7032, 9.2730, 1.4413
YIQ	79.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

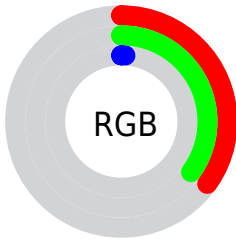
Format	Color
R_{YB}	2, 89, 2
Decimal	5855490
CIE _{Lab}	36.50, -9.94, 43.21
CIE _{LCh}	37, 44.342, 102.947
Yxy	9.2730, 0.4183, 0.5035
Android (android.graphics.Color)	4284045570 (0xFF595902)
YUV	79.0820, -38.0014, 8.6981
Hunter-Lab	30.4516, -8.1362, 18.5099

Details

The YUV color **79.0820, -38.0014, 8.6981** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11.9180, 38.0014, -8.6981**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5490, -36.2597, 10.0425**, and **37.4890, -18.4821, 1.3251** is the 20% darker color. If you saturate the color by 10%, you get **78.8540, -38.8750, 8.8980**, and if you desaturate by 10%, it is **80.1080, -34.0702, 7.7983**.

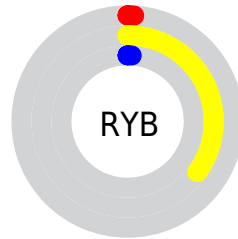
Distribution



Red (35%)

Green (35%)

Blue (1%)



Red (1%)

Yellow (35%)

Blue (1%)

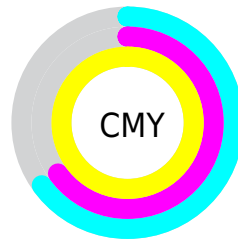


Cyan (0%)

Magenta (0%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0820, -38.0014, 8.6981 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 79.0820, -38.0014, 8.6981 by changing the saturation by 10% instead.

79.0820, -38.0014,
8.6981

79.0820, -38.0014,
8.6981

253.8600, -4.3680,
0.9998

57.8780, -28.5339,
5.3690

130.5490,
-36.2597, 10.0425

37.4890, -18.4821,
1.3251

156.7340,
-36.8439, 10.7573

17.3770, -8.5669,
-5.5926

184.1040,
-38.0123, 12.1868


0.0000, 0.0000,
0.0000


211.8760,
-38.8859, 12.3867


240.0610,
-39.4701, 13.1015


247.3620,


-29.2655, 6.6985


 250.5540,
-17.0351, 3.8991


 79.0820, -38.0014,
8.6981


 79.0820, -38.0014,
8.6981


 78.8540, -38.8750,
8.8980

 80.1080, -34.0702,
7.7983

 81.1340, -30.1391,
6.8985

 82.1600, -26.2079,
5.9987

 83.1860, -22.2767,
5.0989

 84.2120, -18.3455,
4.1991

■ 85.1240, -14.8511,
3.3993

■ 86.1500, -10.9200,
2.4994

■ 87.1760, -6.9888,
1.5996

■ 88.2020, -3.0576,
0.6998

Harmonies

Analogous

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



82.2190, -35.6040, 33.1339



79.0820, -38.0014, 8.6981



74.5970, -22.4793, -23.3256

Triad

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



79.0820, -38.0014, 8.6981



74.5630, 29.3024, -65.3918



85.8700, 10.9101, 47.4720

Complementary

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



79.0820, -38.0014, 8.6981



11.9180, 38.0014, -8.6981

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.



88.2280, 24.5376, 16.4630



79.0820, -38.0014, 8.6981



73.9080, 39.4854, -64.8173

Square

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



79.0820, -38.0014, 8.6981



71.9750, 14.3093, -63.1221



79.3400, 37.7934, -35.3782



82.9950, -5.4205, 58.7634

Rectangle

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



79.0820, -38.0014, 8.6981



64.6280, -6.2256, -56.6788



79.3400, 37.7934, -35.3782



87.3680, 15.5946, 38.2653

Sweetspot

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



79.0820, -38.0014, 8.6981



111.1240, -14.8511, 3.3993



28.0130, -12.8244, 53.4856



56.6060, -9.1728, 2.0995



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.



79.0820, -38.0014, 8.6981



101.8900, -50.2318, 11.4975



66.2250, -31.6629, -17.7373



42.5440, -1.7472, 0.3999



94.8020, -46.7374, 10.6976



208.2100, -102.6475, 23.4948

Inverse Universe

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



11.9180, 38.0014, -8.6981



13.1100, 50.2318, -11.4975



25.0740, 31.5155, 18.3521



39.4560, 1.7472, -0.3999



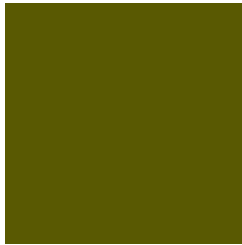
12.1980, 46.7374, -10.6976



26.7900, 102.6475, -23.4948

Previews

White Background



This preview shows how the YUV color 79.0820, -38.0014, 8.6981 looks on a white background.

Color Contrast Check

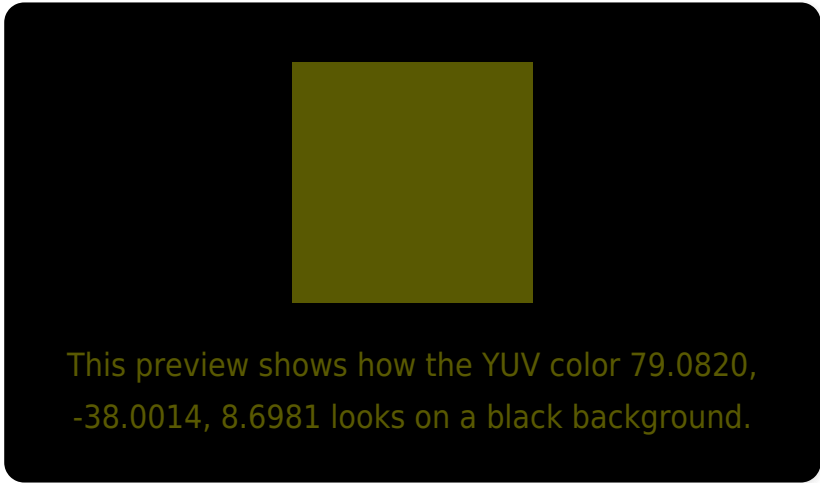
Large Text (above 18pt) WCAG AA ✓ Pass

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

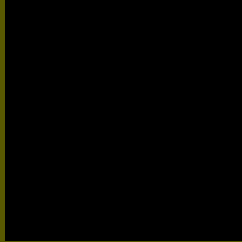
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0820, -38.0014, 8.6981

Background



This preview shows how black text looks on a background with the YUV color 79.0820, -38.0014, 8.6981.

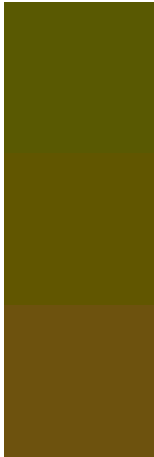


This preview shows how white text looks on a background with the YUV color 79.0820, -38.0014,

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

79.0820, -38.0014, 8.6981

Protanopia

79.4850, -39.1861, 15.3607

Deuteranopia

82.3210, -33.6823, 23.3975



Tritanopia

87.2720, 0.8519, 6.7775

Trichromacy



Original Color

79.0820, -38.0014, 8.6981

Protanomaly

79.2890, -38.5965, 12.9015

Deuteranomaly

81.5330, -35.2658, 17.9496

Tritanomaly

84.2000, -13.4096, 7.7176

Monochromacy



Original Color

79.0820, -38.0014, 8.6981

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3520, -13.9775, 3.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0820, -38.0014, 8.6981 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, 89, 2)` looks like.

```
.text, #text, p{  
    color:rgb(89, 89, 2)  
}
```

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, 89, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 79.0820, -38.0014, 8.6981 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, 89, 2) }
```


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

```
.border{ border-color:rgb(89, 89, 2) }
```

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

Here you see how a box with a 4 pixel rgb(89, 89, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 89, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 89, 2); box-shadow:4px  
4px 4px 4px rgb(89, 89, 2) }
```

Background

The CSS property to change the background color of an element to YUV 79.0820, -38.0014, 8.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 89, 2) }
```

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

```
.background{ background-color: rgb(89, 89,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor