

Converting Colors

YUV(36.0180, -13.8129,
43.8342)

Have a look what the booklet for
YUV(36.0180, -13.8129, 43.8342)
contains.

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Color

**YUV(36.0180, -13.8129,
43.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	561008
RGB	86, 16, 8
RGB Percent	34%, 6%, 3%
CMY	0.6627, 0.9373, 0.9686
CMYK	0.00, 0.81, 0.91, 0.66
HSL	6°, 83%, 18%
HSV	6°, 91%, 34%
XYZ	4.0669, 2.3665, 0.4722
YIQ	36.0180, 44.2880, 12.3520

Conversions

Conversions Part 2

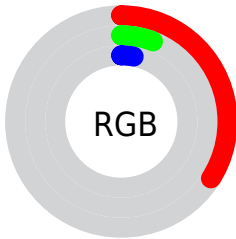
Format	Color
R_{YB}	86, 17, 8
Decimal	5640200
CIE _{Lab}	17.30, 31.33, 23.08
CIE _{LCh}	17, 38.914, 36.379
Yxy	2.3665, 0.5889, 0.3427
Android (android.graphics.Color)	4283830280 (0xFF561008)
YUV	36.0180, -13.8129, 43.8342
Hunter-Lab	15.3836, 20.2678, 8.9487

Details

The YUV color **36.0180, -13.8129, 43.8342** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **57.9820, 13.8129, -43.8342**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2420, -16.8813, 48.0228**, and **9.9810, -4.4276, 20.1877** is the 20% darker color. If you saturate the color by 10%, you get **30.9970, -15.2815, 48.2376**, and if you desaturate by 10%, it is **41.7400, -12.1968, 38.8160**.

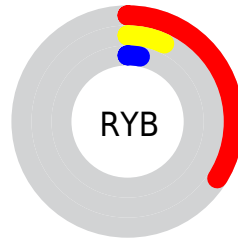
Distribution



Red (34%)

Green (6%)

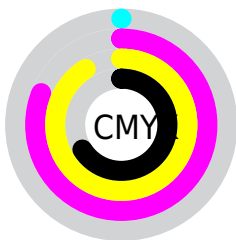
Blue (3%)



Red (34%)

Yellow (7%)

Blue (3%)

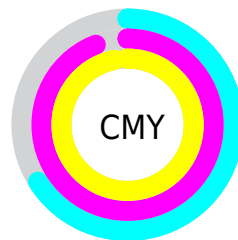


Cyan (0%)

Magenta (81%)

Yellow (91%)

Black (66%)



Cyan (66%)


Magenta (94%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.0180, -13.8129, 43.8342 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 36.0180, -13.8129, 43.8342 by changing the saturation by 10% instead.


 36.0180, -13.8129,
43.8342


 36.0180, -13.8129,
43.8342

 251.2040, -9.4676,
3.3291


 17.6410, -8.6970,
36.2718


 86.2420, -16.8813,
48.0228


 9.9810, -4.4276,
20.1877

 112.2100,
-18.3445, 50.6818

 0.0000, 0.0000,
0.0000


 138.2920,
-19.3710, 53.2409


 165.0750,
-20.2500, 55.1852


 191.9610,
-20.6868, 55.2852


 210.8880,


-16.7068, 38.6862


 230.9890,
-13.3056, 21.0576


 36.0180, -13.8129,
43.8342


 36.0180, -13.8129,
43.8342


 30.9970, -15.2815,
48.2376

 41.7400, -12.1968,
38.8160

 46.7610, -10.7282,
34.4126

 52.4830, -9.1121,
29.3944

 58.0910, -7.9329,
24.4762

 63.8130, -6.3168,
19.4580

■ 68.9480, -4.4114,
14.9546

■ 74.5560, -3.2321,
10.0364

■ 80.2780, -1.6161,
5.0182

■ 85.2990, -0.1474,
0.6148

Harmonies

Analogous

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



32.4160, 2.7529, 50.5012



36.0180, -13.8129, 43.8342



40.0130, -19.7264, 27.1756

Triad

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



36.0180, -13.8129, 43.8342



33.1630, -7.4754, -29.0840



37.1140, 30.5098, -32.5490

Complementary

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



36.0180, -13.8129, 43.8342



57.9820, 13.8129, -43.8342

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.



40.6530, 26.3001, -35.6527



36.0180, -13.8129, 43.8342



37.1700, 5.3392, -32.5981

Square

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



36.0180, -13.8129, 43.8342



35.0310, -17.2703, -14.0592



40.2480, 17.1327, -35.2975



43.4670, 21.9548, 4.8524

Rectangle

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



36.0180, -13.8129, 43.8342



40.5230, -19.9778, 14.4503



40.2480, 17.1327, -35.2975



38.8750, 29.6416, -34.0934

Sweetspot

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



36.0180, -13.8129, 43.8342



92.7310, -5.2904, 16.8989



39.3020, 19.0781, 40.9541



44.5560, -3.2321, 10.0364



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



36.0180, -13.8129, 43.8342



40.5320, -19.9823, 62.6774



58.9110, -25.0991, 23.7571



40.1960, -0.5896, 2.4591



38.4500, -18.9558, 60.1184



84.3530, -41.5860, 132.1174

Inverse Universe

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



57.9820, 13.8129, -43.8342



72.0550, 19.6929, -63.1922



35.0890, 25.0991, -23.7571



41.8040, 0.5896, -2.4591



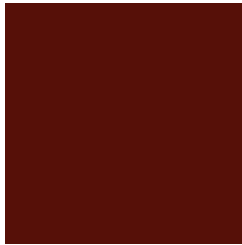
68.5500, 18.9559, -60.1183



150.6470, 41.5860, -132.1174

Previews

White Background



This preview shows how the YUV color 36.0180, -13.8129, 43.8342 looks on a white background.

Color Contrast Check

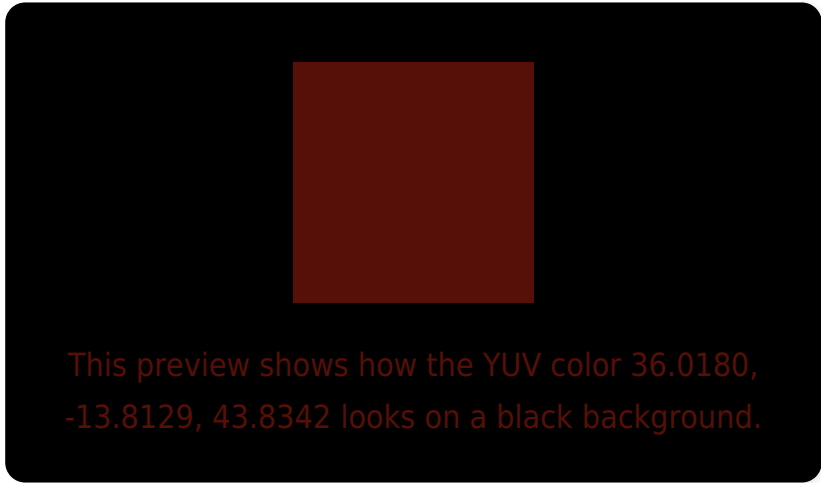
Large Text (above 18pt) WCAG AA ✓ Pass

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

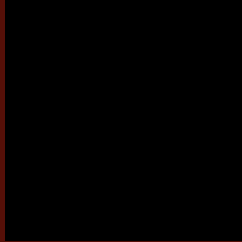
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0180, -13.8129, 43.8342

Background



This preview shows how black text looks on a background with the YUV color 36.0180, -13.8129, 43.8342.

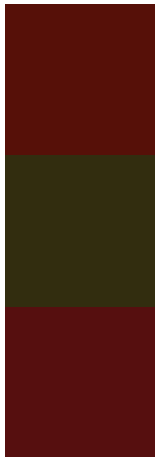


This preview shows how white text looks on a background with the YUV color 36.0180, -13.8129,

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

36.0180, -13.8129, 43.8342

Protanopia

43.0750, -13.8410, 6.0732

Tritanopia

36.2290, -10.4659, 43.6492

Trichromacy



Original Color

36.0180, -13.8129, 43.8342

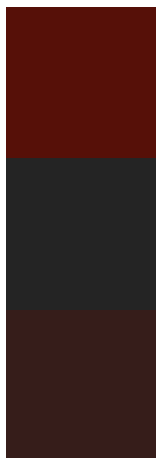
Protanomaly

40.1630, -13.8844, 20.0280

Tritanomaly

35.8870, -11.7763, 43.9491

Monochromacy



Original Color

36.0180, -13.8129, 43.8342

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1330, -4.9956, 15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0180, -13.8129, 43.8342 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(86, 16, 8)` looks like.

```
.text, #text, p{  
    color:rgb(86, 16, 8)  
}
```

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(86, 16, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 16, 8) }
```

Border

The CSS property to change the border of an element to YUV 36.0180, -13.8129, 43.8342 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(86, 16, 8) }
```

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

```
.border{ border-color:rgb(86, 16, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 16, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 16, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 16, 8); box-shadow:4px  
4px 4px 4px rgb(86, 16, 8) }
```


Background

The CSS property to change the background color of an element to YUV 36.0180, -13.8129, 43.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 16, 8) }
```

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

```
.background{ background-color: rgb(86, 16,  
8) }
```

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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