

Converting Colors

YUV(36.0780, -14.8285,
42.9046)

Have a look what the booklet for
YUV(36.0780, -14.8285, 42.9046)
contains.

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Color

**YUV(36.0780, -14.8285,
42.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	551106
RGB	85, 17, 6
RGB Percent	33%, 7%, 2%
CMY	0.6667, 0.9333, 0.9765
CMYK	0.00, 0.80, 0.93, 0.67
HSL	8°, 87%, 18%
HSV	8°, 93%, 33%
XYZ	3.9796, 2.3453, 0.4152
YIQ	36.0780, 44.0590, 10.9950

Conversions

Conversions Part 2

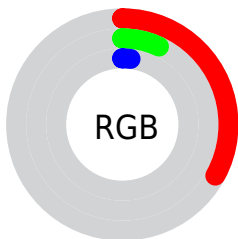
Format	Color
R_YB	85, 19, 6
Decimal	5574918
CIE Lab	17.20, 30.50, 23.72
CIE LCh	17, 38.640, 37.876
Yxy	2.3453, 0.5904, 0.3480
Android (android.graphics.Color)	4283764998 (0xFF551106)
YUV	36.0780, -14.8285, 42.9046
Hunter-Lab	15.3145, 19.5847, 9.1125

Details

The YUV color **36.0780, -14.8285, 42.9046** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **54.9220, 14.8285, -42.9046**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8290, -17.1707, 47.5080**, and **9.6820, -4.2802, 19.5729** is the 20% darker color. If you saturate the color by 10%, you get **32.4590, -16.0023, 46.0785**, and if you desaturate by 10%, it is **41.2130, -12.9230, 38.4012**.

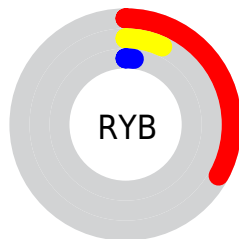
Distribution



Red (33%)

Green (7%)

Blue (2%)



Red (33%)

Yellow (7%)

Blue (2%)

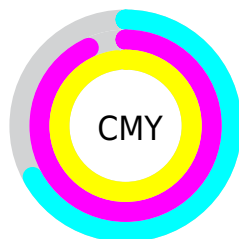


Cyan (0%)

Magenta (80%)

Yellow (93%)

Black (67%)



Cyan (67%)


Magenta (93%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 36.0780, -14.8285, 42.9046 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 36.0780, -14.8285, 42.9046 by changing the saturation by 10% instead.


 36.0780, -14.8285,
42.9046


 36.0780, -14.8285,
42.9046

 251.0900, -9.9044,
3.4291


 17.3420, -8.5496,
35.6571

 85.8290, -17.1707,
47.5080


 9.6820, -4.2802,
19.5729


 111.7970,
-18.6339, 50.1670

 0.0000, 0.0000,
0.0000

 137.8790,
-19.6603, 52.7261


 164.6620,
-20.5394, 54.6704


 191.7330,
-21.5604, 55.4852


 211.2470,


-17.8698, 38.3714


 230.8750,
-13.7424, 21.1576


 36.0780, -14.8285,
42.9046


 36.0780, -14.8285,
42.9046


 32.4590, -16.0023,
46.0785

 41.2130, -12.9230,
38.4012

 46.8210, -11.7438,
33.4830

 51.8420, -10.2751,
29.0796

 56.9770, -8.3697,
24.5762

 62.5850, -7.1904,
19.6580

■ 67.7200, -5.2850,
15.1546

■ 72.8550, -3.3795,
10.6512

■ 78.4630, -2.2003,
5.7329

■ 83.4840, -0.7316,
1.3295

Harmonies

Analogous

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



32.7750, 1.5899, 50.1863



36.0780, -14.8285, 42.9046



40.3010, -19.8684, 26.0460

Triad

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



36.0780, -14.8285, 42.9046



33.3910, -6.6018, -29.2839



37.0000, 30.0730, -32.4490

Complementary

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



36.0780, -14.8285, 42.9046



54.9220, 14.8285, -42.9046

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



36.0780, -14.8285, 42.9046



37.2840, 5.7760, -32.6981

Square

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



36.0780, -14.8285, 42.9046



34.7320, -17.1229, -14.6740



40.3620, 17.5695, -35.3975



43.3640, 21.5125, 6.6968

Rectangle

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



36.0780, -14.8285, 42.9046



40.5120, -19.9724, 12.7060



40.3620, 17.5695, -35.3975



38.7610, 29.2048, -33.9934

Sweetspot

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



36.0780, -14.8285, 42.9046



90.6170, -5.7272, 16.9989



37.3730, 18.0571, 41.7689



44.4420, -3.6689, 10.1364



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.



36.0780, -14.8285, 42.9046



41.6950, -20.5556, 59.9035



58.9710, -26.1147, 22.8274



40.7830, -0.8790, 1.9443



40.7980, -20.1134, 58.0592



89.6360, -44.1905, 127.4842

Inverse Universe

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



54.9220, 14.8285, -42.9046



67.7180, 20.8450, -59.3887



32.0290, 26.1147, -22.8274



41.8040, 0.5896, -2.4591



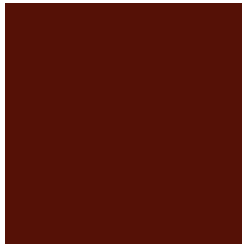
66.2020, 20.1134, -58.0592



145.3640, 44.1905, -127.4842

Previews

White Background



This preview shows how the YUV color 36.0780, -14.8285, 42.9046 looks on a white background.

Color Contrast Check

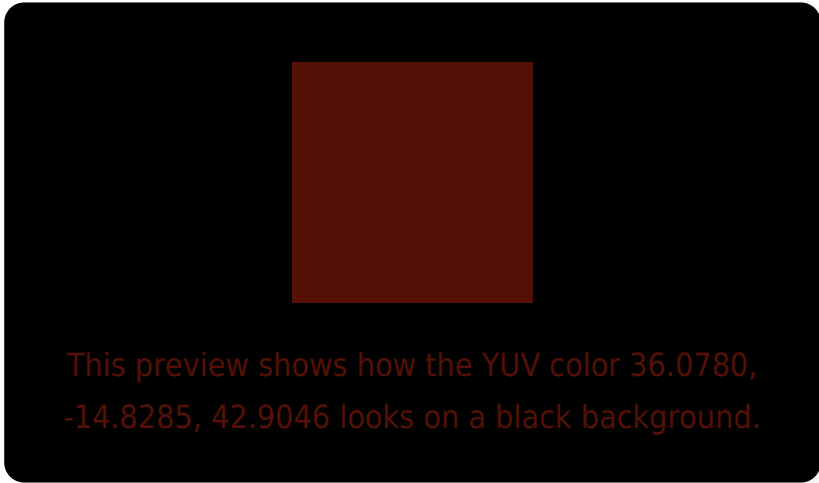
Large Text (above 18pt) WCAG AA ✓ Pass

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

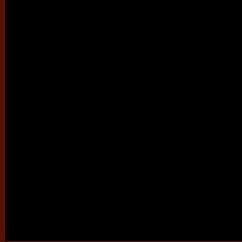
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0780, -14.8285, 42.9046

Background



This preview shows how black text looks on a background with the YUV color 36.0780, -14.8285, 42.9046.

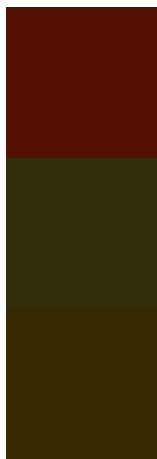


This preview shows how white text looks on a background with the YUV color 36.0780, -14.8285,

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

36.0780, -14.8285, 42.9046

Protanopia

42.8470, -14.7146, 6.2732

Deuteranopia

41.3980, -20.4092, 12.8060



Tritanopia

36.6310, -10.1711, 42.4196

Trichromacy



Original Color

36.0780, -14.8285, 42.9046

Protanomaly

40.5220, -15.0473, 19.7132

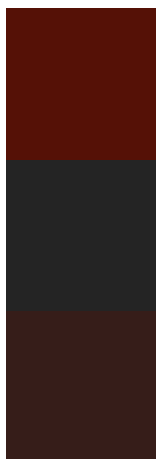
Deuteranomaly

39.6320, -18.5526, 24.0017

Tritanomaly

36.1750, -11.9183, 42.8195

Monochromacy



Original Color

36.0780, -14.8285, 42.9046

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0190, -5.4324, 15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0780, -14.8285, 42.9046 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(85, 17, 6)` looks like.

```
.text, #text, p{  
    color:rgb(85, 17, 6)  
}
```

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(85, 17, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 17, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.0780, -14.8285, 42.9046 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(85, 17, 6) }
```


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

```
.border{ border-color:rgb(85, 17, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 17, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 17, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 17, 6); box-shadow:4px  
4px 4px 4px rgb(85, 17, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.0780, -14.8285, 42.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 17, 6) }
```

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

```
.background{ background-color: rgb(85, 17,  
6) }
```

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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