

Converting Colors

YUV(35.6280, -9.1836, 5.5882)

Have a look what the booklet for
YUV(35.6280, -9.1836, 5.5882)
contains.

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Color

**YUV(35.6280, -9.1836,
5.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2411
RGB	42, 36, 17
RGB Percent	16%, 14%, 7%
CMY	0.8353, 0.8588, 0.9333
CMYK	0.00, 0.14, 0.60, 0.84
HSL	46°, 42%, 12%
HSV	46°, 60%, 16%
XYZ	1.6869, 1.7945, 0.7878
YIQ	35.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

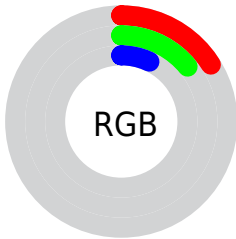
Format	Color
R_{YB}	25, 42, 17
Decimal	2761745
CIE Lab	14.37, -0.48, 13.51
CIE LCh	14, 13.516, 92.034
Yxy	1.7945, 0.3951, 0.4203
Android (android.graphics.Color)	4280951825 (0xFF2A2411)
YUV	35.6280, -9.1836, 5.5882
Hunter-Lab	13.3958, -0.9645, 5.8903

Details

The YUV color **35.6280, -9.1836, 5.5882** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.3720, 9.1836, -5.5882**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9980, -10.3520, 7.0178**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.5850, -10.6414, 6.5030**, and if you desaturate by 10%, it is **36.6710, -7.7258, 4.6735**.

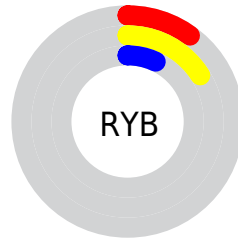
Distribution



Red (16%)

Green (14%)

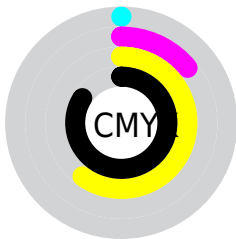
Blue (7%)



Red (10%)

Yellow (16%)

Blue (7%)

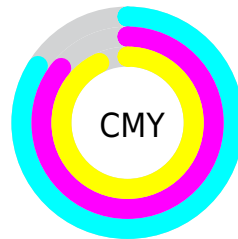


Cyan (0%)

Magenta (14%)

Yellow (60%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6280, -9.1836, 5.5882 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 35.6280, -9.1836, 5.5882 by changing the saturation by 10% instead.

■ 35.6280, -9.1836,
5.5882

■ 35.6280, -9.1836,
5.5882

■ 253.4040, -6.1152,
1.3997

■ 14.7850, -7.2890,
4.5736

■ 79.9980, -10.3520,
7.0178

■ 0.0000, 0.0000,
0.0000

■ 104.2970,
-10.4994, 7.6325

■ 129.1830,
-10.9362, 7.7325

■ 155.3680,
-11.5204, 8.4473

■ 182.2540,
-11.9572, 8.5472

■ 210.1400,

-12.3940, 8.6472

■ 238.4390,
-12.5414, 9.2620

■ 35.6280, -9.1836,
5.5882

■ 35.6280, -9.1836,
5.5882

■ 34.5850, -10.6414,
6.5030

■ 36.6710, -7.7258,
4.6735

■ 33.5420, -12.0992,
7.4177

■ 37.7140, -6.2680,
3.7588

■ 32.3850, -13.9938,
8.4324

■ 38.8710, -4.3734,
2.7441

■ 31.3420, -15.4516,
9.3471

■ 39.9140, -2.9156,
1.8294

■ 40.9570, -1.4578,
0.9147

■ 42.0000, 0.0000,
0.0000

■ 43.0430, 1.4578,
-0.9147

■ 44.2000, 3.3524,
-1.9294

■ 45.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



36.6010, -8.1843, 11.7509



35.6280, -9.1836, 5.5882



34.7410, -7.2673, -2.4039

Triad

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



35.6280, -9.1836, 5.5882



29.3110, 8.2277, -25.7057



37.3910, 3.7512, 10.1811

Complementary

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



35.6280, -9.1836, 5.5882



23.3720, 9.1836, -5.5882

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.



37.2480, 7.2727, 0.6595



35.6280, -9.1836, 5.5882



31.6150, 10.5428, -21.5874

Square

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



35.6280, -9.1836, 5.5882



30.3780, 3.2646, -20.5025



35.1650, 9.7787, -9.7917



37.2730, -0.6276, 14.6696

Rectangle

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



35.6280, -9.1836, 5.5882



33.6910, -4.7777, -7.6220



35.1650, 9.7787, -9.7917



37.4230, 5.2145, 7.5220

Sweetspot

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



35.6280, -9.1836, 5.5882



51.0990, -3.4998, 2.5442



25.1590, -1.0644, 14.7696



26.7290, -2.3314, 1.1147



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



35.6280, -9.1836, 5.5882



43.7980, -13.7044, 8.9472



37.3560, -10.0355, -1.1892



19.7720, -0.8736, 0.2000



62.6840, -30.9032, 18.6941



157.8950, -77.8422, 47.4501

Inverse Universe

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



23.3720, 9.1836, -5.5882



25.6150, 13.9938, -8.4324



21.6440, 10.0355, 1.1892



18.8150, 0.5842, -0.7148



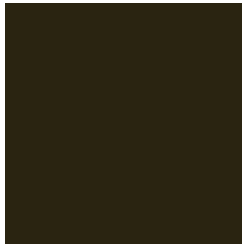
21.3160, 30.9032, -18.6941



54.1050, 77.8422, -47.4501

Previews

White Background



This preview shows how the YUV color 35.6280, -9.1836, 5.5882 looks on a white background.

Color Contrast Check

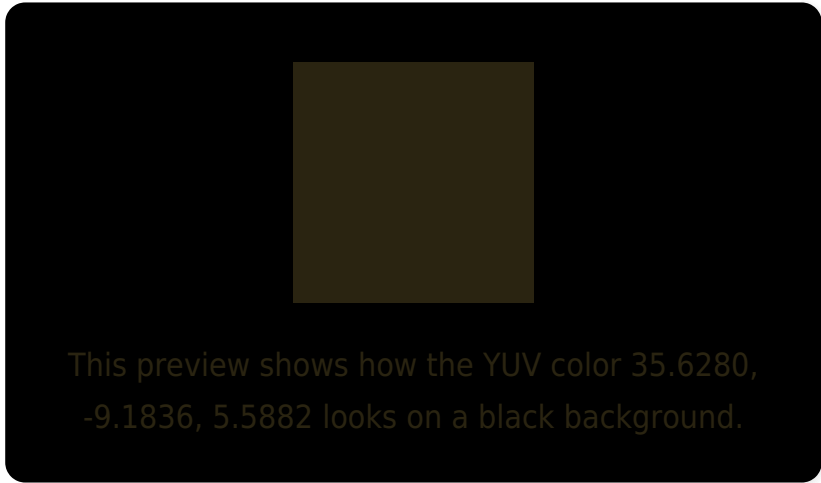
Large Text (above 18pt) WCAG AA ✓ Pass

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

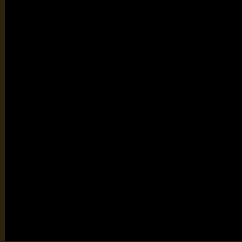
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.6280, -9.1836, 5.5882

Background



This preview shows how black text looks on a background with the YUV color 35.6280, -9.1836, 5.5882.

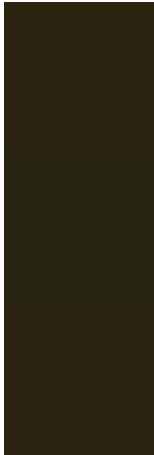


This preview shows how white text looks on a background with the YUV color 35.6280, -9.1836,

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

35.6280, -9.1836, 5.5882

Protanopia

35.6170, -9.1782, 3.8439

Deuteranopia

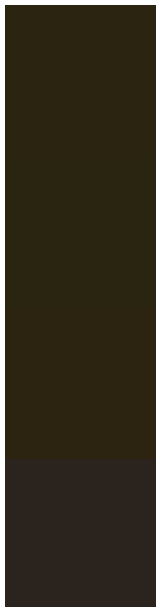
35.9380, -9.3364, 7.9474



Tritanopia

37.3320, -0.1637, 5.8478

Trichromacy



Original Color

35.6280, -9.1836, 5.5882

Protanomaly

35.9160, -9.3256, 4.4587

Deuteranomaly

35.6390, -9.1890, 7.3326

Tritanomaly

36.8220, -3.3632, 5.4181

Monochromacy



Original Color

35.6280, -9.1836, 5.5882

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8000, -3.3524, 1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6280, -9.1836, 5.5882 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(42, 36, 17)` looks like.

```
.text, #text, p{  
    color:rgb(42, 36, 17)  
}
```

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(42, 36, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 36, 17) }
```

Border

The CSS property to change the border of an element to YUV 35.6280, -9.1836, 5.5882 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(42, 36, 17) }
```


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

```
.border{ border-color:rgb(42, 36, 17) }
```

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

Here you see how a box with a 4 pixel rgb(42, 36, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 36, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 36, 17);  
box-shadow:4px 4px 4px 4px rgb(42, 36, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.6280, -9.1836, 5.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 36, 17) }
```

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

```
.background{ background-color: rgb(42, 36,  
17) }
```

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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