

Converting Colors

YUV(35.5980, 3.1562, 14.3846)

Have a look what the booklet for
YUV(35.5980, 3.1562, 14.3846)
contains.

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Color

**YUV(35.5980, 3.1562,
14.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	341A2A
RGB	52, 26, 42
RGB Percent	20%, 10%, 16%
CMY	0.7961, 0.8980, 0.8353
CMYK	0.00, 0.50, 0.19, 0.80
HSL	323°, 33%, 15%
HSV	323°, 50%, 20%
XYZ	2.2035, 1.6360, 2.3901
YIQ	35.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

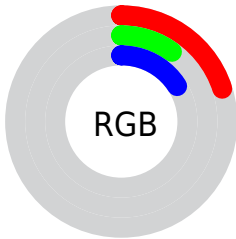
Format	Color
R_{YB}	52, 26, 42
Decimal	3414570
CIE Lab	13.45, 15.64, -5.23
CIE LCh	13, 16.490, 341.518
Yxy	1.6360, 0.3537, 0.2626
Android (android.graphics.Color)	4281604650 (0xFF341A2A)
YUV	35.5980, 3.1562, 14.3846
Hunter-Lab	12.7907, 8.3669, -2.1257

Details

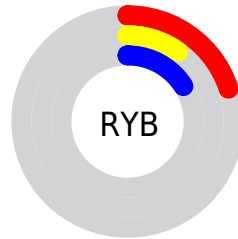
The YUV color **35.5980, 3.1562, 14.3846** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.4020, -3.1562, -14.3846**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6090, 3.1508, 16.1289**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.4350, 3.7295, 17.1585**, and if you desaturate by 10%, it is **38.7610, 2.5828, 11.6106**.

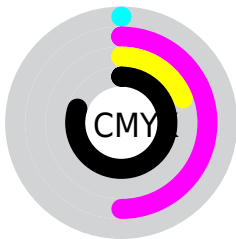
Distribution



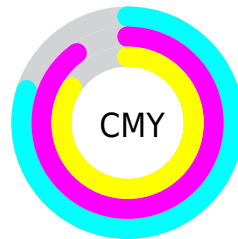
- Red (20%)
- Green (10%)
- Blue (16%)



- Red (20%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (80%)



- Cyan (80%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.5980, 3.1562, 14.3846 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 35.5980, 3.1562, 14.3846 by changing the saturation by 10% instead.

■ 35.5980, 3.1562,
14.3846

■ 35.5980, 3.1562,
14.3846

■ 255.0000, 0.0000,
0.0000

■ 12.6630, 4.6031,
16.9585

■ 80.6090, 3.1508,
16.1289

■ 0.0000, 0.0000,
0.0000

■ 105.3210, 3.2927,
17.2585

■ 130.6200, 3.1453,
17.8733


■ 156.0330, 3.4347,
18.3881


■ 183.3320, 3.2873,
19.0028


■ 210.7450, 3.5767,


19.5176


 237.0650, 4.8980,
15.7290

 35.5980, 3.1562,
14.3846


 35.5980, 3.1562,
14.3846


 32.4350, 3.7295,
17.1585


 38.7610, 2.5828,
11.6106

 29.2720, 4.3029,
19.9325


 41.9240, 2.0095,
8.8367


 25.5220, 5.1657,
23.2212

 45.6740, 1.1467,
5.5479

 22.3590, 5.7390,
25.9952

 48.8370, 0.5734,
2.7740

 19.1960, 6.3124,
28.7691

 52.0000, 0.0000,
0.0000

■ 55.1630, -0.5734,
-2.7740

■ 58.3260, -1.1467,
-5.5479

■ 62.0760, -2.0095,
-8.8367

■ 65.2390, -2.5828,
-11.6106

Harmonies

Analogous

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



35.7970, 7.9881, 4.5630



35.5980, 3.1562, 14.3846



34.8390, -2.3856, 18.5582

Triad

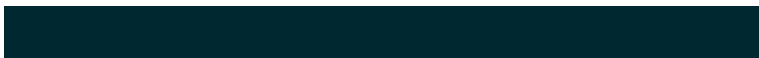
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.5980, 3.1562, 14.3846



32.9330, -11.7990, 4.4438



29.0660, 9.8275, -25.4909

Complementary

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



35.5980, 3.1562, 14.3846



42.4020, -3.1562, -14.3846

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.



27.9260, 5.4595, -24.4911



35.5980, 3.1562, 14.3846



31.6050, -7.6933, -5.7926

Square

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



35.5980, 3.1562, 14.3846



33.8030, -11.2419, 12.4508



28.9500, -0.9613, -18.3731



28.6900, 13.4638, -25.1611

Rectangle

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



35.5980, 3.1562, 14.3846



34.3290, -5.5852, 18.1285



28.9500, -0.9613, -18.3731



28.7240, 8.5171, -25.1909

Sweetspot

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



35.5980, 3.1562, 14.3846



62.6740, 1.1467, 5.5479



31.9540, 9.8827, 3.5483



31.5490, 0.7153, 3.9035



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



35.5980, 3.1562, 14.3846



43.1090, 4.8763, 22.7064



34.1160, -2.5222, 15.6843



24.1250, 0.4314, 1.6444



32.8810, 10.9047, 49.2164



80.0450, 26.1068, 120.1095

Inverse Universe

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



35.5980, 3.1562, 14.3846



43.1090, 4.8763, 22.7064



43.8840, 2.5222, -15.6843



24.1250, 0.4314, 1.6444



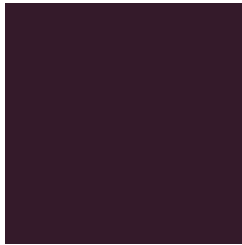
32.8810, 10.9047, 49.2164



80.0450, 26.1068, 120.1095

Previews

White Background



This preview shows how the YUV color 35.5980, 3.1562, 14.3846 looks on a white background.

Color Contrast Check

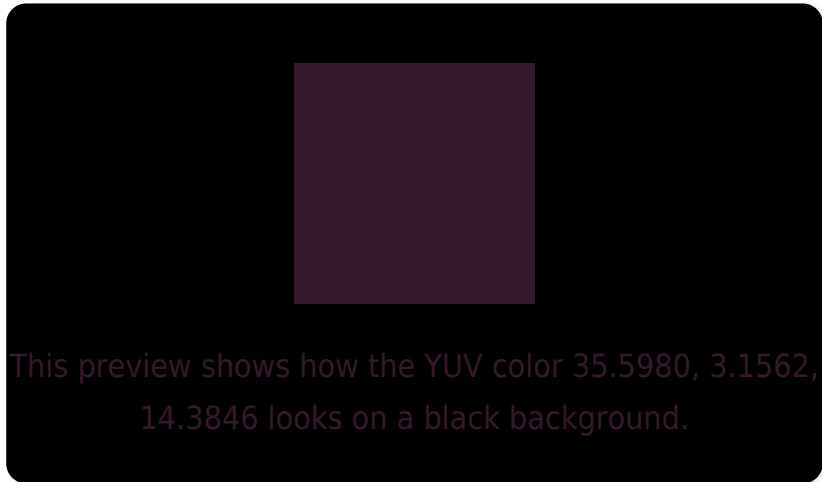
Large Text (above 18pt) WCAG AA ✓ Pass

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

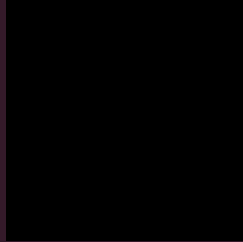
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5980, 3.1562, 14.3846

Background



This preview shows how black text looks on a background with the YUV color 35.5980, 3.1562, 14.3846.



This preview shows how white text looks on a background with the YUV color 35.5980, 3.1562, 14.3846.

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

35.5980, 3.1562, 14.3846

Protanopia

35.2860, 6.2680, -3.7588

Deuteranopia

35.3960, 2.7628, 0.5297



Tritanopia

35.1050, -2.5168, 13.9399

Trichromacy



Original Color

35.5980, 3.1562, 14.3846

Protanomaly

35.6890, 5.0833, 2.9037

Deuteranomaly

35.4290, 2.7465, 5.7628

Tritanomaly

34.9740, -0.4802, 14.0548

Monochromacy



Original Color

35.5980, 3.1562, 14.3846

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.6740, 1.1467, 5.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5980, 3.1562, 14.3846 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(52, 26, 42)` looks like.

```
.text, #text, p{  
    color:rgb(52, 26, 42)  
}
```

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(52, 26, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 26, 42) }
```

Border

The CSS property to change the border of an element to YUV 35.5980, 3.1562, 14.3846 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(52, 26, 42) }
```


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

```
.border{ border-color:rgb(52, 26, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 26, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 26, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 26, 42);  
box-shadow:4px 4px 4px 4px rgb(52, 26, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.5980, 3.1562, 14.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 26, 42) }
```

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

```
.background{ background-color: rgb(52, 26,  
42) }
```

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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