

Converting Colors

YUV(40.0860, 6.3666, 11.3256)

Have a look what the booklet for
YUV(40.0860, 6.3666, 11.3256)
contains.

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Color

**YUV(40.0860, 6.3666,
11.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	351F35
RGB	53, 31, 53
RGB Percent	21%, 12%, 21%
CMY	0.7922, 0.8784, 0.7922
CMYK	0.00, 0.42, 0.00, 0.79
HSL	300°, 26%, 16%
HSV	300°, 42%, 21%
XYZ	2.6008, 1.9939, 3.6159
YIQ	40.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

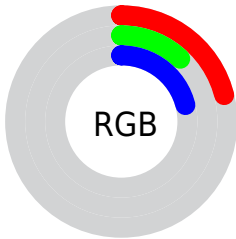
Format	Color
R_{YB}	53, 31, 53
Decimal	3481397
CIE Lab	15.46, 15.09, -10.05
CIE LCh	15, 18.129, 326.323
Yxy	1.9939, 0.3168, 0.2428
Android (android.graphics.Color)	4281671477 (0xFF351F35)
YUV	40.0860, 6.3666, 11.3256
Hunter-Lab	14.1205, 8.1660, -5.2984

Details

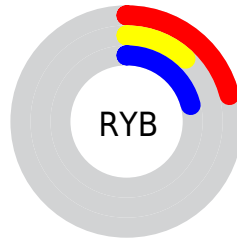
The YUV color **40.0860, 6.3666, 11.3256** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.9140, -6.3666, -11.3256**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.3250, 7.2348, 12.8700**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **37.1510, 7.8136, 13.8996**, and if you desaturate by 10%, it is **43.0210, 4.9196, 8.7516**.

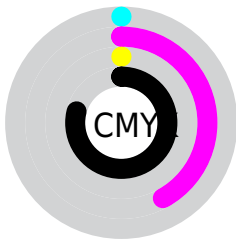
Distribution



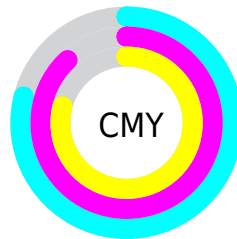
- Red (21%)
- Green (12%)
- Blue (21%)



- Red (21%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (79%)



- Cyan (79%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0860, 6.3666, 11.3256 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 40.0860, 6.3666, 11.3256 by changing the saturation by 10% instead.

■ 40.0860, 6.3666,
11.3256

■ 40.0860, 6.3666,
11.3256

255.0000, 0.0000,
0.0000

■ 18.4990, 6.6560,
11.8404

■ 85.3250, 7.2348,
12.8700

■ 0.5700, 2.1840,
-0.4999

■ 109.7380, 7.5242,
13.3848

■ 0.0000, 0.0000,
0.0000

■ 135.6240, 7.0874,
13.4848

■ 161.4500, 7.6662,
14.5144

■ 188.8630, 7.9555,
15.0291

■ 216.8630, 7.9555,

15.0291

242.0860, 6.3666,
11.3256

40.0860, 6.3666,
11.3256

40.0860, 6.3666,
11.3256

37.1510, 7.8136,
13.8996

43.0210, 4.9196,
8.7516

33.6290, 9.5499,
16.9884

46.5430, 3.1833,
5.6628

30.6940, 10.9969,
19.5624

49.4780, 1.7363,
3.0888

27.7590, 12.4438,
22.1364

52.4130, 0.2894,
0.5148

24.2370, 14.1802,
25.2252

55.3480, -1.1576,
-2.0592

■ 21.8890, 15.3377,
27.2843

■ 58.8700, -2.8939,
-5.1480

■ 61.8050, -4.3409,
-7.7220

■ 64.7400, -5.7878,
-10.2960

■ 68.2620, -7.5242,
-13.3848

Harmonies

Analogous

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



39.2630, 11.2093, -1.9847



40.0860, 6.3666, 11.3256



39.3490, 0.8139, 18.9879

Triad

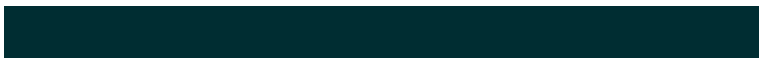
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.0860, 6.3666, 11.3256



37.3250, -12.9782, 9.3620



32.1150, 8.8173, -28.1649

Complementary

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



40.0860, 6.3666, 11.3256



43.9140, -6.3666, -11.3256

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.



30.6330, 3.1389, -26.8651



40.0860, 6.3666, 11.3256



36.1280, -10.9091, -0.9893

Square

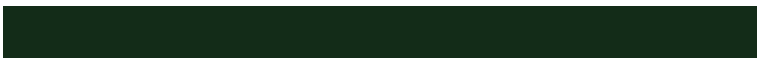
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.0860, 6.3666, 11.3256



38.3520, -10.5265, 16.3543



34.2450, -5.0508, -13.3699



32.6680, 13.4747, -28.6498

Rectangle

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



40.0860, 6.3666, 11.3256



38.9210, -3.4121, 21.1173



34.2450, -5.0508, -13.3699



31.5450, 6.6333, -27.6650

Sweetspot

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



40.0860, 6.3666, 11.3256



64.3040, 2.3151, 4.1184



33.5080, 9.6096, -2.1995



33.0650, 1.4470, 2.5740



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.



40.0860, 6.3666, 11.3256



48.4550, 10.1287, 18.0180



38.8320, 1.5618, 12.4253



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Inverse Universe

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



40.0860, 6.3666, 11.3256



48.4550, 10.1287, 18.0180



45.1680, -1.5618, -12.4253



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 40.0860, 6.3666, 11.3256 looks on a white background.

Color Contrast Check

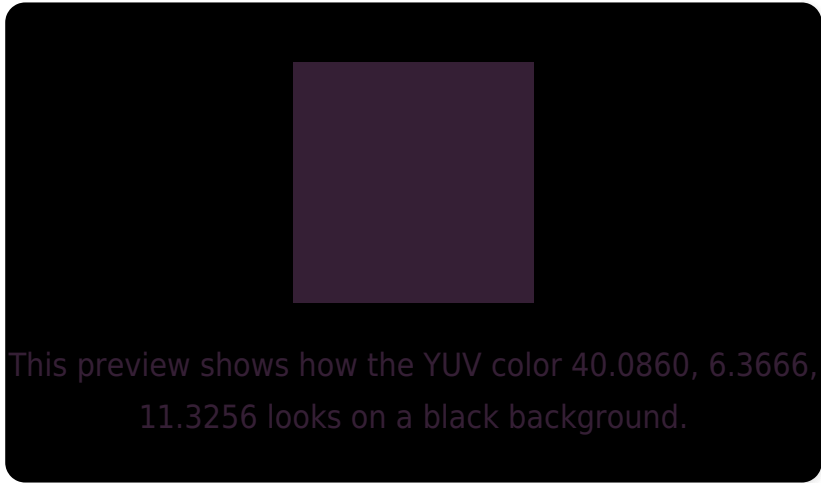
Large Text (above 18pt) WCAG AA ✓ Pass

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

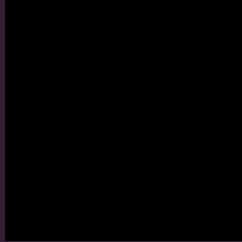
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0860, 6.3666, 11.3256

Background



This preview shows how black text looks on a background with the YUV color 40.0860, 6.3666, 11.3256.



This preview shows how white text looks on a background with the YUV color 40.0860, 6.3666, 11.3256.

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

40.0860, 6.3666, 11.3256

Protanopia

38.6000, 10.0572, -5.7882

Deuteranopia

38.9980, 6.4100, -2.6292



Tritanopia

39.4250, -1.1955, 10.1513

Trichromacy



Original Color

40.0860, 6.3666, 11.3256

Protanomaly

39.0030, 8.8725, 0.8744

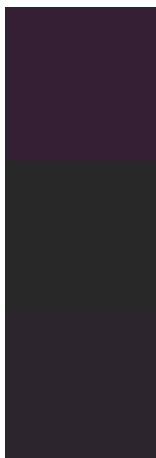
Deuteranomaly

39.0310, 6.3937, 2.6038

Tritanomaly

39.8210, 1.5672, 10.6810

Monochromacy



Original Color

40.0860, 6.3666, 11.3256

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0860, 6.3666, 11.3256 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(53, 31, 53)` looks like.

```
.text, #text, p{  
    color:rgb(53, 31, 53)  
}
```

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(53, 31, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 31, 53) }
```

Border

The CSS property to change the border of an element to YUV 40.0860, 6.3666, 11.3256 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(53, 31, 53) }
```


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

```
.border{ border-color:rgb(53, 31, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 31, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 31, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 31, 53);  
box-shadow:4px 4px 4px 4px rgb(53, 31, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0860, 6.3666, 11.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 31, 53) }
```

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

```
.background{ background-color: rgb(53, 31,  
53) }
```

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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