

Converting Colors

YUV(36.6610, 11.0131, 14.3293)

Have a look what the booklet for
YUV(36.6610, 11.0131, 14.3293)
contains.

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Color

**YUV(36.6610, 11.0131,
14.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	35183B
RGB	53, 24, 59
RGB Percent	21%, 9%, 23%
CMY	0.7922, 0.9059, 0.7686
CMYK	0.10, 0.59, 0.00, 0.77
HSL	290°, 42%, 16%
HSV	290°, 59%, 23%
XYZ	2.5842, 1.7259, 4.3346
YIQ	36.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

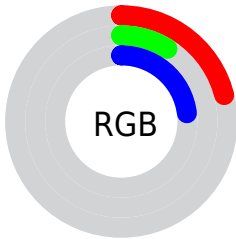
Format	Color
R _Y B	53, 24, 59
Decimal	3479611
CIE Lab	13.98, 21.14, -16.60
CIE LCh	14, 26.878, 321.845
Yxy	1.7259, 0.2989, 0.1996
Android (android.graphics.Color)	4281669691 (0xFF35183B)
YUV	36.6610, 11.0131, 14.3293
Hunter-Lab	13.1374, 12.1221, -10.3661

Details

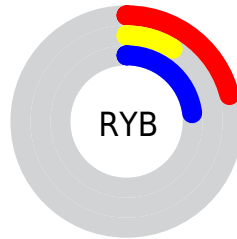
The YUV color **36.6610, 11.0131, 14.3293** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.3390, -11.0131, -14.3293**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1990, 11.7339, 16.4885**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **32.8400, 12.8969, 16.8033**, and if you desaturate by 10%, it is **40.4820, 9.1294, 11.8553**.

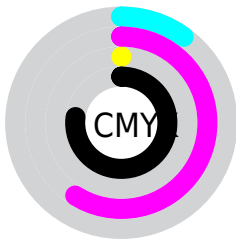
Distribution



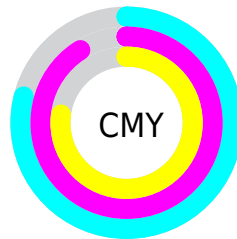
- Red (21%)
- Green (9%)
- Blue (23%)



- Red (21%)
- Yellow (9%)
- Blue (23%)



- Cyan (10%)
- Magenta (59%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6610, 11.0131, 14.3293 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 36.6610, 11.0131, 14.3293 by changing the saturation by 10% instead.

■ 36.6610, 11.0131,
14.3293

■ 36.6610, 11.0131,
14.3293

■ 254.4130, 0.2894,
0.5148

■ 13.7860, 11.4445,
15.9737

■ 82.1990, 11.7339,
16.4885

■ 2.2970, 6.2626,
-2.0145

■ 106.7260, 12.4601,
16.9033

■ 0.0000, 0.0000,
0.0000

■ 132.1390, 12.7495,
17.4181


■ 158.5520, 13.0389,
17.9329


■ 185.9650, 13.3283,
18.4477


■ 213.3780, 13.6176,

18.9625


 237.3900, 8.6817,
15.4440


 36.6610, 11.0131,
14.3293


 36.6610, 11.0131,
14.3293


 32.8400, 12.8969,
16.8033


 40.4820, 9.1294,
11.8553

 29.0190, 14.7806,
19.2773


 44.3030, 7.2456,
9.3813

 25.1980, 16.6644,
21.7514

 48.1240, 5.3619,
6.9073

 21.3770, 18.5481,
24.2254

 51.9450, 3.4781,
4.4332

 55.7660, 1.5944,
1.9592

■ 59.0000, 0.0000,
0.0000

■ 62.8210, -1.8838,
-2.4740

■ 66.6420, -3.7675,
-4.9480

■ 70.4630, -5.6513,
-7.4221

Harmonies

Analogous

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



34.6410, 17.9250, -9.3322



36.6610, 11.0131, 14.3293



34.5010, 3.6970, 27.6246

Triad

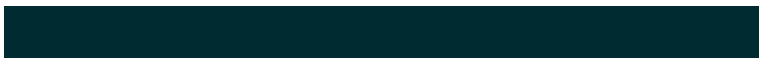
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.6610, 11.0131, 14.3293



34.3210, -16.9203, 13.7505



31.4140, 8.6699, -27.5501

Complementary

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



36.6610, 11.0131, 14.3293



46.3390, -11.0131, -14.3293

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.



29.2480, 0.3707, -25.6505



36.6610, 11.0131, 14.3293



32.7600, -16.1507, 0.2105

Square

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



36.6610, 11.0131, 14.3293



33.2130, -16.3740, 25.2462



27.3600, -9.5445, -18.7327



32.6510, 15.9481, -28.6349

Rectangle

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



36.6610, 11.0131, 14.3293



33.3290, -2.1342, 31.2835



27.3600, -9.5445, -18.7327



30.7300, 6.0491, -26.9502

Sweetspot

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



36.6610, 11.0131, 14.3293



67.8850, 4.4937, 5.3629



31.5120, 13.5516, -6.5880



33.0050, 2.4625, 3.5036



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.6610, 11.0131, 14.3293



41.7250, 17.3906, 22.1662



37.2010, 5.3239, 19.1177



28.9400, 1.0156, 0.9296



34.0380, 29.5613, 38.5547



80.3240, 69.8463, 90.9239

Inverse Universe

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



35.1490, -2.5385, 20.9173



39.4710, -4.1762, 32.9129



45.7990, -5.3239, -19.1177



28.8970, -0.4422, 1.8443



29.9300, -6.8675, 56.1894



70.7100, -16.1260, 132.6813

Previews

White Background



This preview shows how the YUV color 36.6610, 11.0131, 14.3293 looks on a white background.

Color Contrast Check

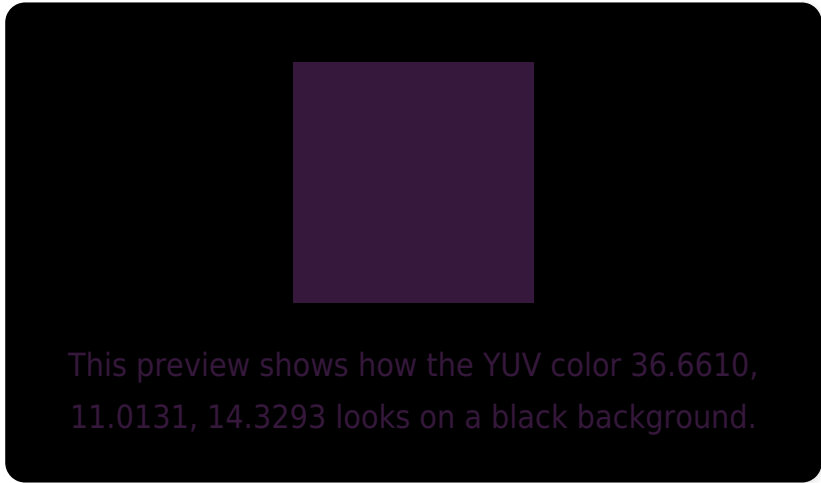
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6610, 11.0131, 14.3293

Background



This preview shows how black text looks on a background with the YUV color 36.6610, 11.0131, 14.3293.



This preview shows how white text looks on a background with the YUV color 36.6610, 11.0131,

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

36.6610, 11.0131, 14.3293

Protanopia

33.6080, 17.9413, -14.5652

Deuteranopia

35.4040, 10.6468, -8.2473



Tritanopia

36.9090, -1.9271, 11.4808

Trichromacy



Original Color

36.6610, 11.0131, 14.3293

Protanomaly

34.6910, 15.4353, -4.1140

Deuteranomaly

36.1600, 10.7671, -0.1403

Tritanomaly

36.4730, 2.7248, 12.7402

Monochromacy



Original Color

36.6610, 11.0131, 14.3293

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7710, 4.0569, 5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6610, 11.0131, 14.3293 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, 24, 59)` looks like.

```
.text, #text, p{  
    color:rgb(53, 24, 59)  
}
```

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, 24, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 24, 59) }
```

Border

The CSS property to change the border of an element to YUV 36.6610, 11.0131, 14.3293 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, 24, 59) }
```


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

```
.border{ border-color:rgb(53, 24, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 24, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 24, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 24, 59);  
box-shadow:4px 4px 4px 4px rgb(53, 24, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6610, 11.0131, 14.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 24, 59) }
```

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

```
.background{ background-color: rgb(53, 24,  
59) }
```

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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