

Converting Colors

YUV(29.3550, 15.1080, 7.5817)

Have a look what the booklet for
YUV(29.3550, 15.1080, 7.5817)
contains.

YUV(29.3550, 15.1080, 7.5817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(29.3550, 15.1080,
7.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	26133C
RGB	38, 19, 60
RGB Percent	15%, 7%, 24%
CMY	0.8510, 0.9255, 0.7647
CMYK	0.37, 0.68, 0.00, 0.76
HSL	268°, 52%, 15%
HSV	268°, 68%, 24%
XYZ	1.8478, 1.2041, 4.4100
YIQ	29.3550, -1.8370, 16.7790

Conversions

Conversions Part 2

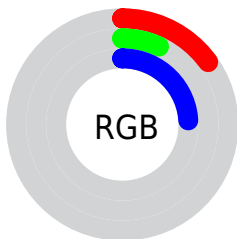
Format	Color
RYB	38, 19, 60
Decimal	2495292
CIELab	10.59, 19.84, -22.84
CIELCh	11, 30.259, 310.980
Yxy	1.2041, 0.2476, 0.1614
Android (android.graphics.Color)	4280685372 (0xFF26133C)
YUV	29.3550, 15.1080, 7.5817
Hunter-Lab	10.9730, 10.8562, -16.1473

Details

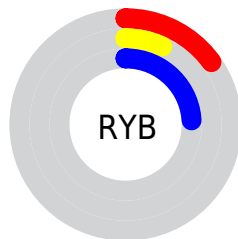
The YUV color **29.3550, 15.1080, 7.5817** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **49.6450, -15.1080, -7.5817**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.1210, 16.7023, 9.5409**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **24.9360, 17.2866, 8.8261**, and if you desaturate by 10%, it is **33.7740, 12.9294, 6.3372**.

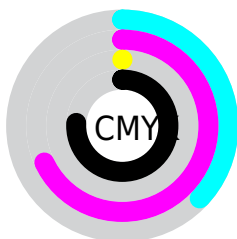
Distribution



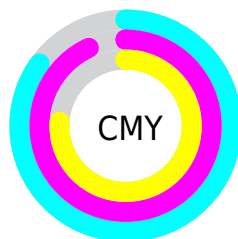
- Red (15%)
- Green (7%)
- Blue (24%)



- Red (15%)
- Yellow (7%)
- Blue (24%)



- Cyan (37%)
- Magenta (68%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3550, 15.1080, 7.5817 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 29.3550, 15.1080, 7.5817 by changing the saturation by 10% instead.

■ 29.3550, 15.1080,
7.5817

■ 29.3550, 15.1080,
7.5817

■ 249.7170, 2.6045,
4.6332

■ 10.6110, 13.5028,
9.1112

■ 74.1210, 16.7023,
9.5409

■ 2.2970, 6.2626,
-2.0145

■ 98.5340, 16.9917,
10.0557

■ 0.0000, 0.0000,
0.0000

■ 123.0610, 17.7179,
10.4705

■ 149.5880, 18.4441,
10.8853

■ 176.0010, 18.7335,
11.4001

■ 203.5280, 19.4597,

11.8149

■ 230.0030, 12.3235,
14.0294

■ 29.3550, 15.1080,
7.5817

■ 29.3550, 15.1080,
7.5817

■ 24.9360, 17.2866,
8.8261

■ 33.7740, 12.9294,
6.3372

■ 20.5170, 19.4651,
10.0706

■ 38.1930, 10.7509,
5.0927

■ 15.7990, 21.7911,
10.7003

■ 42.9110, 8.4249,
4.4631

■ 15.2120, 22.0805,
11.2151

■ 47.3300, 6.2463,
3.2186

■ 51.7490, 4.0677,
1.9741

■ 56.1680, 1.8892,
0.7297

■ 60.8860, -0.4368,
0.1000

■ 65.3050, -2.6154,
-1.1445

■ 69.7240, -4.7939,
-2.3889

Harmonies

Analogous

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



24.8890, 21.7467, -21.8277



29.3550, 15.1080, 7.5817



25.6520, 8.0596, 28.3692

Triad

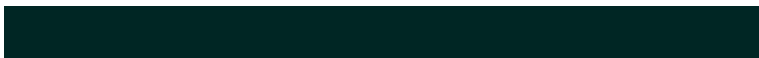
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.3550, 15.1080, 7.5817



27.8530, -13.7315, 17.6689



26.4100, 4.7279, -23.1616

Complementary

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



29.3550, 15.1080, 7.5817



49.6450, -15.1080, -7.5817

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.



23.2010, -5.0291, -20.3473



29.3550, 15.1080, 7.5817



26.5800, -13.1039, 2.9993

Square

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



29.3550, 15.1080, 7.5817



24.3970, -12.0277, 31.2238



22.3390, -11.0131, -14.3293



27.9890, 13.3164, -24.5464

Rectangle

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



29.3550, 15.1080, 7.5817



23.3170, 2.8017, 34.8020



22.3390, -11.0131, -14.3293



25.6120, 1.6703, -22.4617

Sweetspot

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



29.3550, 15.1080, 7.5817



66.3300, 6.2463, 3.2186



37.1750, 11.2527, -15.9395



33.3360, 3.7784, 1.4593



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



29.3550, 15.1080, 7.5817



30.3800, 23.9697, 11.9447



35.3350, 12.1598, 19.8772



28.6410, 1.1630, 0.3148



23.8720, 34.5731, 17.6523



56.1050, 81.7862, 41.1269

Inverse Universe

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



33.7670, 3.5659, 23.0063



37.4250, 5.7065, 36.4613



43.6650, -12.1598, -19.8772



29.0110, -0.0054, 1.7444



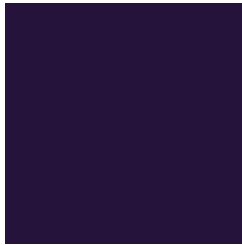
33.9200, 8.4204, 52.6902



79.9440, 19.2546, 124.5831

Previews

White Background



This preview shows how the YUV color 29.3550, 15.1080, 7.5817 looks on a white background.

Color Contrast Check

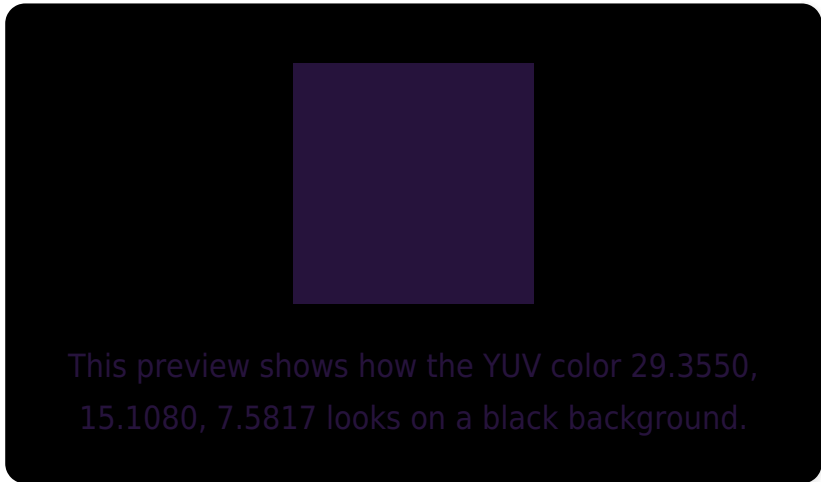
Large Text (above 18pt) WCAG AA ✓ Pass

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

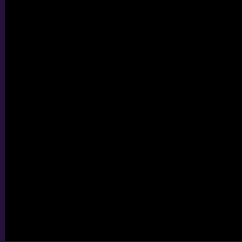
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3550, 15.1080, 7.5817

Background



This preview shows how black text looks on a background with the YUV color 29.3550, 15.1080, 7.5817.



This preview shows how white text looks on a background with the YUV color 29.3550, 15.1080,

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

29.3550, 15.1080, 7.5817

Protanopia

23.2760, 18.1049, -20.4131

Deuteranopia

23.5380, 14.0318, -20.6428



Tritanopia

29.5380, 0.7208, 2.1592

Trichromacy



Original Color

29.3550, 15.1080, 7.5817

Protanomaly

25.7010, 16.9094, -10.2618

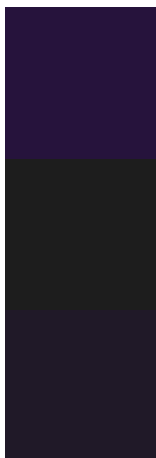
Deuteranomaly

25.7180, 14.4360, -10.2767

Tritanomaly

29.6290, 6.0989, 3.8334

Monochromacy



Original Color

29.3550, 15.1080, 7.5817

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3550, 15.1080, 7.5817 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(38, 19, 60)` looks like.

```
.text, #text, p{  
    color:rgb(38, 19, 60)  
}
```

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(38, 19, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 19, 60) }
```

Border

The CSS property to change the border of an element to YUV 29.3550, 15.1080, 7.5817 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(38, 19, 60) }
```


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

```
.border{ border-color:rgb(38, 19, 60) }
```

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

Here you see how a box with a 4 pixel rgb(38, 19, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 19, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 19, 60);  
box-shadow:4px 4px 4px 4px rgb(38, 19, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3550, 15.1080, 7.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 19, 60) }
```

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

```
.background{ background-color: rgb(38, 19,  
60) }
```

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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