

Converting Colors

YUV(20.3550, 15.1080, 7.5817)

Have a look what the booklet for
YUV(20.3550, 15.1080, 7.5817)
contains.

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Color

**YUV(20.3550, 15.1080,
7.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0A33
RGB	29, 10, 51
RGB Percent	11%, 4%, 20%
CMY	0.8863, 0.9608, 0.8000
CMYK	0.43, 0.80, 0.00, 0.80
HSL	268°, 67%, 12%
HSV	268°, 80%, 20%
XYZ	1.2128, 0.7173, 3.2065
YIQ	20.3550, -1.8370, 16.7790

Conversions

Conversions Part 2

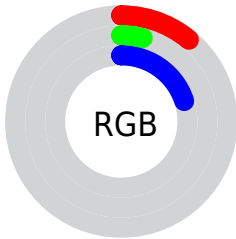
Format	Color
RYB	29, 10, 51
Decimal	1903155
CIELab	6.48, 19.94, -23.00
CIELCh	6, 30.446, 310.924
Yxy	0.7173, 0.2361, 0.1396
Android (android.graphics.Color)	4280093235 (0xFF1D0A33)
YUV	20.3550, 15.1080, 7.5817
Hunter-Lab	8.4694, 10.7388, -16.5185




Details

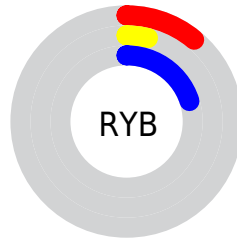
The YUV color **20.3550, 15.1080, 7.5817** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **40.6450, -15.1080, -7.5817**, and the grayscale version is **20.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **64.7080, 16.4130, 9.0261**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.5230, 16.9972, 8.3113**, and if you desaturate by 10%, it is **24.1870, 13.2188, 6.8520**.

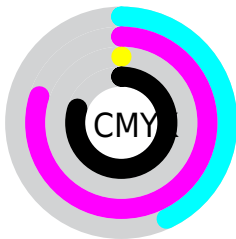
Distribution







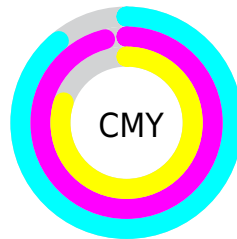
-  Red (11%)
-  Green (4%)
-  Blue (20%)






-  Red (11%)
-  Yellow (4%)
-  Blue (20%)



-  Cyan (43%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (89%)
-  Magenta (96%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3550, 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 20.3550, 15.1080, 7.5817 by changing the saturation by 10% instead.

■ 20.3550, 15.1080,
7.5817

■ 20.3550, 15.1080,
7.5817

■ 242.6730, 6.0772,
10.8108

■ 3.4200, 13.1039,
-2.9993

■ 64.7080, 16.4130,
9.0261

■ 0.0000, 0.0000,
0.0000

■ 88.2350, 17.1391,
9.4409

■ 113.0610, 17.7179,
10.4705

■ 138.5880, 18.4441,
10.8853

■ 165.0010, 18.7335,
11.4001

■ 192.4140, 19.0229,

11.9149

■ 219.3710, 17.5651,
12.8296

■ 20.3550, 15.1080,
7.5817

■ 20.3550, 15.1080,
7.5817

■ 16.5230, 16.9972,
8.3113

■ 24.1870, 13.2188,
6.8520

■ 12.9900, 18.7389,
9.6558

■ 27.7200, 11.4770,
5.5076

■ 31.5520, 9.5879,
4.7779

■ 35.3840, 7.6987,
4.0482

■ 39.8030, 5.5201,
2.8038

■ 43.3360, 3.7784,
1.4593

■ 47.1680, 1.8892,
0.7297

■ 51.0000, 0.0000,
0.0000

■ 54.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



19.1670, 20.1307, -16.8095



20.3550, 15.1080, 7.5817



18.2280, 7.7756, 26.1100

Triad

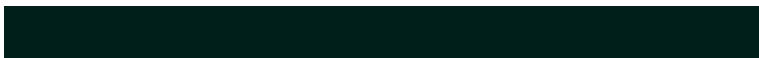
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.3550, 15.1080, 7.5817



19.5800, -9.6529, 16.1543



21.2750, 2.8224, -18.6582

Complementary

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



20.3550, 15.1080, 7.5817



40.6450, -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.



18.1970, -8.9711, -15.9588



20.3550, 15.1080, 7.5817



18.5950, -9.1673, 0.3552

Square

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



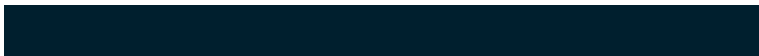
20.3550, 15.1080, 7.5817



16.1240, -7.9491, 29.7093



16.4360, -8.1029, -14.4144



23.4410, 11.1216, -20.5578

Rectangle

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



20.3550, 15.1080, 7.5817



18.2410, 1.3602, 30.4836



16.4360, -8.1029, -14.4144



20.4770, -0.2352, -17.9583

Sweetspot

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



20.3550, 15.1080, 7.5817



54.2160, 5.8095, 3.3186



28.1750, 11.2527, -15.9395



26.2220, 3.3416, 1.5593



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



20.3550, 15.1080, 7.5817



18.8530, 23.2435, 11.5299



26.3350, 12.1598, 19.8772



23.6410, 1.1630, 0.3148



22.4050, 32.8313, 16.3078



54.6380, 80.0445, 39.7825

Inverse Universe

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



24.7670, 3.5659, 23.0063



25.7130, 5.5645, 35.3317



34.6650, -12.1598, -19.8772



24.0110, -0.0054, 1.7444



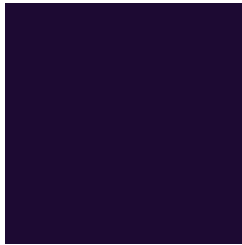
32.0830, 7.8471, 49.9162



78.1070, 18.6812, 121.8092

Previews

White Background



This preview shows how the YUV color 20.3550, 15.1080, 7.5817 looks on a white background.

Color Contrast Check

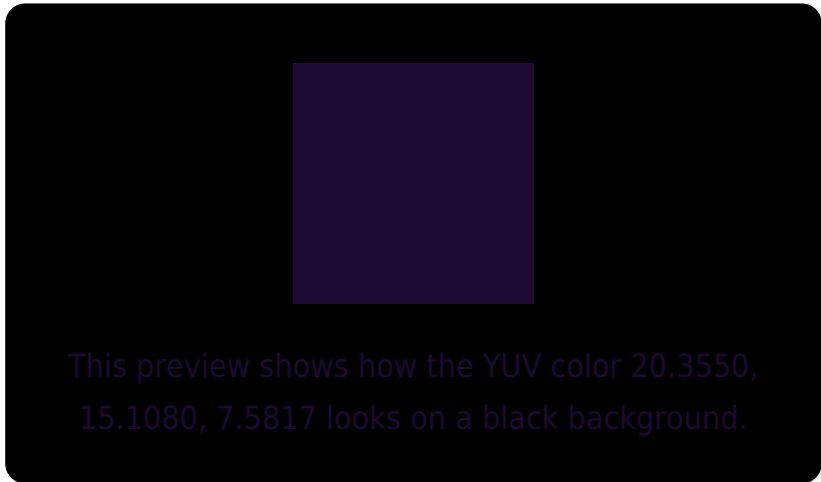
Large Text (above 18pt) WCAG AA ✓ Pass

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

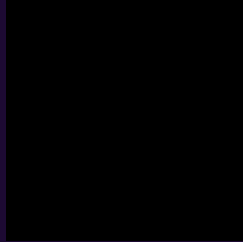
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3550, 15.1080, 7.5817

Background



This preview shows how black text looks on a background with the YUV color 20.3550, 15.1080, 7.5817.



This preview shows how white text looks on a background with the YUV color 20.3550, 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

20.3550, 15.1080, 7.5817

Protanopia

17.4570, 13.5787, -15.3098

Deuteranopia

17.8330, 9.9423, -15.6395



Tritanopia

22.4130, 0.2894, 0.5148

Trichromacy



Original Color

20.3550, 15.1080, 7.5817

Protanomaly

18.6260, 13.9884, -6.6880

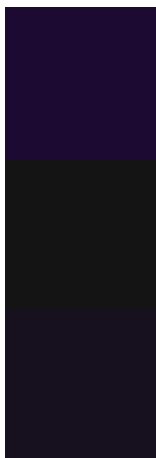
Deuteranomaly

18.7570, 11.9518, -6.8029

Tritanomaly

21.8030, 5.5201, 2.8038

Monochromacy



Original Color

20.3550, 15.1080, 7.5817

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3550, 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(29, 10, 51)` looks like.

```
.text, #text, p{  
    color:rgb(29, 10, 51)  
}
```

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(29, 10, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 10, 51) }
```

Border

The CSS property to change the border of an element to YUV 20.3550, 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(29, 10, 51) }
```


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

```
.border{ border-color:rgb(29, 10, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 10, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 10, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 10, 51);  
box-shadow:4px 4px 4px 4px rgb(29, 10, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.3550, 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(29, 10, 51) }
```

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

```
.background{ background-color: rgb(29, 10,  
51) }
```

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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