

Converting Colors

YUV(20.1130, 38.8913,
-14.1311)

Have a look what the booklet for
YUV(20.1130, 38.8913, -14.1311)
contains.

YUV(20.1130, 38.8913, -14.1311)	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(20.1130, 38.8913,
-14.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	040D63
RGB	4, 13, 99
RGB Percent	2%, 5%, 39%
CMY	0.9843, 0.9490, 0.6118
CMYK	0.96, 0.87, 0.00, 0.61
HSL	234°, 92%, 20%
HSV	234°, 96%, 39%
XYZ	2.4461, 1.2145, 11.9099
YIQ	20.1130, -32.9700, 24.8380

Conversions

Conversions Part 2

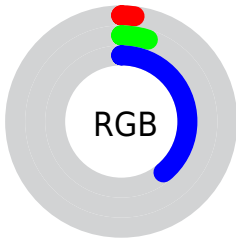
Format	Color
R_{YB}	4, 12, 99
Decimal	265571
CIE _{Lab}	10.66, 32.69, -49.68
CIE _{LCh}	11, 59.468, 303.348
Yxy	1.2145, 0.1571, 0.0780
Android (android.graphics.Color)	4278455651 (0xFF040D63)
YUV	20.1130, 38.8913, -14.1311
Hunter-Lab	11.0205, 20.3343, -56.3605

Details

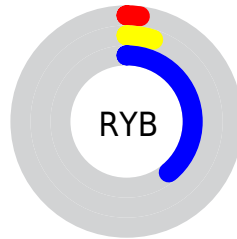
The YUV color **20.1130, 38.8913, -14.1311** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **82.8870, -38.8913, 14.1311**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2010, 38.8479, -0.1763**, and **8.1620, 21.1191, -7.1581** is the 20% darker color. If you saturate the color by 10%, you get **16.5690, 40.6385, -14.5310**, and if you desaturate by 10%, it is **28.3860, 34.8127, -12.6165**.

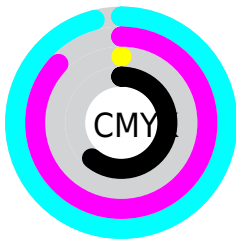
Distribution



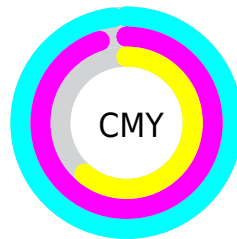
- Red (2%)
- Green (5%)
- Blue (39%)



- Red (2%)
- Yellow (5%)
- Blue (39%)



- Cyan (96%)
- Magenta (87%)
- Yellow (0%)
- Black (61%)



- Cyan (98%)
- Magenta (95%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.1130, 38.8913, -14.1311 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 20.1130, 38.8913, -14.1311 by changing the saturation by 10% instead.

■ 20.1130, 38.8913,
-14.1311

■ 20.1130, 38.8913,
-14.1311

■ 245.6080, 4.6303,
8.2368

■ 8.5500, 32.7599,
-7.4984

■ 72.2010, 38.8479,
-0.1763

■ 8.1620, 21.1191,
-7.1581

■ 97.1520, 39.8581,
2.4977

■ 4.4800, 12.0884,
-3.9290

■ 122.5050, 41.1630,
3.9421

■ 0.0000, 0.0000,
0.0000

■ 149.3310, 41.7418,
4.9717

■ 175.3590, 39.2630,
6.7012

■ 199.8790, 27.1747,

10.6301

■ 224.9860, 14.7969,
14.0443

■ 20.1130, 38.8913,
-14.1311

■ 20.1130, 38.8913,
-14.1311

■ 16.5690, 40.6385,
-14.5310

■ 28.3860, 34.8127,
-12.6165

■ 36.6590, 30.7341,
-11.1019

■ 44.9320, 26.6555,
-9.5874

■ 53.2050, 22.5769,
-8.0728

■ 61.4780, 18.4983,
-6.5582

■ 69.4520, 14.5672,
-5.6584

■ 77.7250, 10.4886,
-4.1438

■ 85.9980, 6.4100,
-2.6292

■ 94.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



33.4270, 39.2295, -29.3155



20.1130, 38.8913, -14.1311



30.2480, 17.6257, 40.1245

Triad

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



20.1130, 38.8913, -14.1311



22.6580, -11.1704, 36.2569



28.4160, 2.2599, -24.9208

Complementary

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



20.1130, 38.8913, -14.1311



82.8870, -38.8913, 14.1311

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.



24.6540, -12.1544, -21.6216



20.1130, 38.8913, -14.1311



26.8900, -13.2568, 5.3585

Square

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



20.1130, 38.8913, -14.1311



25.4150, -12.5296, 52.2560



22.3060, -10.9969, -19.5624



34.1500, 19.1531, -29.9495

Rectangle

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



20.1130, 38.8913, -14.1311



31.4700, 4.2053, 51.3308



22.3060, -10.9969, -19.5624



26.7060, -4.2921, -23.4212

Sweetspot

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



20.1130, 38.8913, -14.1311



96.9790, 15.2934, -5.2436



69.5690, 10.0725, -57.5040



45.3830, 9.1782, -3.8439



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



20.1130, 38.8913, -14.1311



21.6360, 52.4375, -18.9748



26.1920, 35.8943, 13.8636



44.4560, 1.7472, -0.3999



19.2250, 45.7381, -16.8603



40.8610, 98.1755, -35.8351

Inverse Universe

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



33.4310, -10.0725, 57.5040



39.6400, -13.6265, 77.4917



76.8080, -35.8943, -13.8636



45.1960, -0.5896, 2.4591



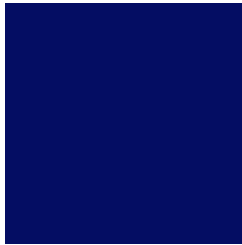
34.7420, -11.7048, 67.7553



74.3820, -25.3313, 145.2470

Previews

White Background



This preview shows how the YUV color 20.1130, 38.8913, -14.1311 looks on a white background.

Color Contrast Check

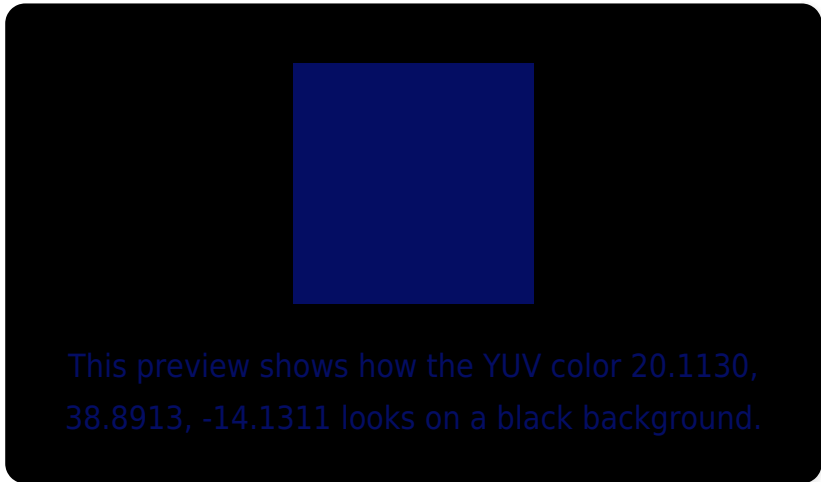
Large Text (above 18pt) WCAG AA ✓ Pass

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

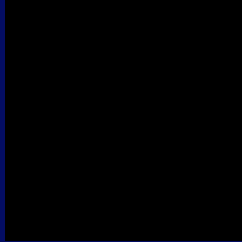
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.1130, 38.8913, -14.1311

Background



This preview shows how black text looks on a background with the YUV color 20.1130, 38.8913, -14.1311.



This preview shows how white text looks on a background with the YUV color 20.1130, 38.8913,

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

20.1130, 38.8913, -14.1311

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

24.9400, 14.3266, -21.8724



Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Original Color

20.1130, 38.8913, -14.1311

Protanomaly

23.1650, 26.5407, -19.4387

Deuteranomaly

22.9540, 23.1937, -19.2537

Tritanomaly

22.9880, 18.2469, -19.2835

Monochromacy



Original Color

20.1130, 38.8913, -14.1311

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.7510, 14.4198, -5.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.1130, 38.8913, -14.1311 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(4, 13, 99)` looks like.

```
.text, #text, p{  
    color:rgb(4, 13, 99)  
}
```

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(4, 13, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 13, 99) }
```

Border

The CSS property to change the border of an element to YUV 20.1130, 38.8913, -14.1311 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(4, 13, 99) }
```


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

```
.border{ border-color:rgb(4, 13, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 13, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 13, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 13, 99); box-shadow:4px  
4px 4px 4px rgb(4, 13, 99) }
```

Background

The CSS property to change the background color of an element to YUV 20.1130, 38.8913, -14.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 13, 99) }
```

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

```
.background{ background-color: rgb(4, 13,  
99) }
```

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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