

Converting Colors

YUV(19.2170, 41.3050, 5.0717)

Have a look what the booklet for
YUV(19.2170, 41.3050, 5.0717)
contains.

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Color

**YUV(19.2170, 41.3050,
5.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	190067
RGB	25, 0, 103
RGB Percent	10%, 0%, 40%
CMY	0.9020, 1.0000, 0.5961
CMYK	0.76, 1.00, 0.00, 0.60
HSL	255°, 100%, 20%
HSV	255°, 100%, 40%
XYZ	2.8491, 1.1859, 12.9107
YIQ	19.2170, -18.1630, 37.3330

Conversions

Conversions Part 2

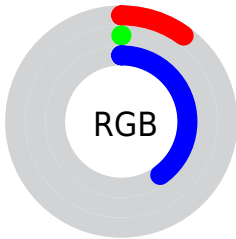
Format	Color
R_{YB}	25, 0, 103
Decimal	1638503
CIE _{Lab}	10.45, 41.30, -52.65
CIE _{LCh}	10, 66.911, 308.111
Yxy	1.1859, 0.1681, 0.0700
Android (android.graphics.Color)	4279828583 (0xFF190067)
YUV	19.2170, 41.3050, 5.0717
Hunter-Lab	10.8901, 27.6417, -62.6678

Details

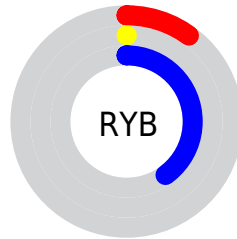
The YUV color **19.2170, 41.3050, 5.0717** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **83.7830, -41.3050, -5.0717**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9620, 41.4307, 11.4343**, and **9.0910, 22.1401, -7.9728** is the 20% darker color. If you saturate the color by 10%, you get **19.2170, 41.3050, 5.0717**, and if you desaturate by 10%, it is **27.4790, 37.2319, 4.8419**.

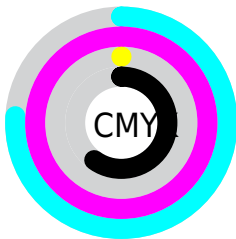
Distribution



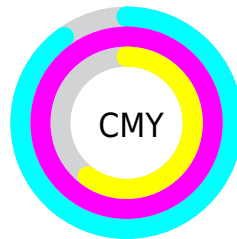
- Red (10%)
- Green (0%)
- Blue (40%)



- Red (10%)
- Yellow (0%)
- Blue (40%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.2170, 41.3050, 5.0717 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 19.2170, 41.3050, 5.0717 by changing the saturation by 10% instead.

■ 19.2170, 41.3050,
5.0717

■ 19.2170, 41.3050,
5.0717

■ 241.4990, 6.6560,
11.8404

■ 8.8920, 34.0702,
-7.7983

■ 70.9620, 41.4307,
11.4343

■ 9.0910, 22.1401,
-7.9728

■ 96.6140, 42.5883,
13.4935

■ 4.8220, 13.3988,
-4.2289

■ 122.8530, 43.4565,
15.0379

■ 0.4560, 1.7472,
-0.3999

■ 149.6790, 44.0353,
16.0675

■ 0.0000, 0.0000,
0.0000

■ 175.1370, 39.3725,
18.2969

■ 199.6570, 27.2841,

22.2258

■ 225.0630, 14.7589,
26.2547

■ 19.2170, 41.3050,
5.0717

■ 27.4790, 37.2319,
4.8419

■ 36.3280, 32.8693,
4.0973

■ 44.2910, 28.9435,
3.2528

■ 52.5530, 24.8704,
3.0230

■ 61.4020, 20.5078,
2.2784

■ 69.6640, 16.4346,
2.0487

■ 77.9260, 12.3615,
1.8189

■ 85.8890, 8.4357,
0.9743

■ 94.7380, 4.0732,
0.2298

Harmonies

Analogous

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



33.9800, 43.8869, -29.8005



19.2170, 41.3050, 5.0717



32.8960, 14.8413, 46.5722

Triad

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



19.2170, 41.3050, 5.0717



23.2340, -11.4544, 33.9978



29.2140, 5.3175, -25.6207

Complementary

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



19.2170, 41.3050, 5.0717



83.7830, -41.3050, -5.0717

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.



24.0670, -11.8650, -21.1068



19.2170, 41.3050, 5.0717



25.6720, -12.6563, -0.5893

Square

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



19.2170, 41.3050, 5.0717



26.0130, -12.8244, 53.4856



23.4800, -11.5756, -20.5920



36.2190, 24.5420, -31.7641

Rectangle

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



19.2170, 41.3050, 5.0717



32.8790, 0.5527, 56.2341



23.4800, -11.5756, -20.5920



27.3900, -1.6713, -24.0210

Sweetspot

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



19.2170, 41.3050, 5.0717



102.2510, 16.1453, 1.5339



58.1150, 22.1283, -50.9669



48.6440, 10.0355, 1.1892



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



19.2170, 41.3050, 5.0717



25.2570, 54.1033, 6.7906



34.4660, 33.7873, 36.4253



46.8690, 2.0366, 0.1149



21.4820, 46.1044, 5.7163



45.2290, 97.0081, 12.0772

Inverse Universe

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



39.6890, 18.8873, 55.5237



51.9930, 24.6535, 72.7971



68.5340, -33.7873, -36.4253



47.9510, 1.0102, 2.6740



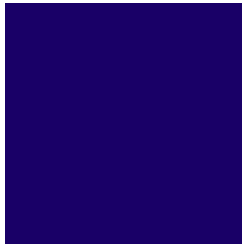
44.3030, 21.0496, 62.0013



93.2200, 44.2615, 130.4801

Previews

White Background



This preview shows how the YUV color 19.2170, 41.3050, 5.0717 looks on a white background.

Color Contrast Check

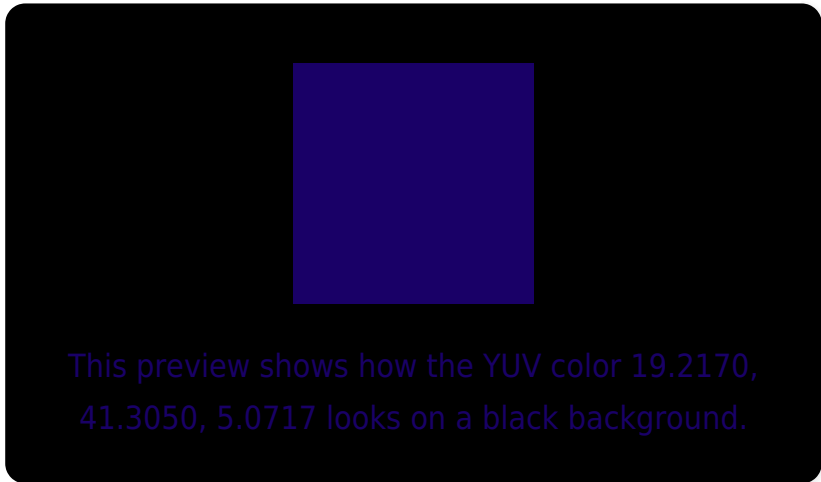
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2170, 41.3050, 5.0717

Background



This preview shows how black text looks on a background with the YUV color 19.2170, 41.3050, 5.0717.



This preview shows how white text looks on a background with the YUV color 19.2170, 41.3050,

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



Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.4560, 15.0582, -23.2019

Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Protanomaly

23.5510, 27.8294, -12.7612

Deuteranomaly

24.0410, 24.6298, -13.1910

Tritanomaly

23.8470, 18.8094, -13.0208

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.0230, 15.2717, 1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.2170, 41.3050, 5.0717 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(25, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(25, 0, 103)  
}
```

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(25, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 0, 103) }
```

Border

The CSS property to change the border of an element to YUV 19.2170, 41.3050, 5.0717 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(25, 0, 103) }
```

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

```
.border{ border-color:rgb(25, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(25, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(25, 0, 103)  
}
```


Background

The CSS property to change the background color of an element to YUV 19.2170, 41.3050, 5.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 0, 103) }
```

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

```
.background{ background-color: rgb(25, 0,  
103) }
```

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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