

Converting Colors

YUV(20.3780, 10.1666, 5.8075)

Have a look what the booklet for
YUV(20.3780, 10.1666, 5.8075)
contains.

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Color

**YUV(20.3780, 10.1666,
5.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	1B0D29
RGB	27, 13, 41
RGB Percent	11%, 5%, 16%
CMY	0.8941, 0.9490, 0.8392
CMYK	0.34, 0.68, 0.00, 0.84
HSL	270°, 52%, 11%
HSV	270°, 68%, 16%
XYZ	0.9962, 0.6810, 2.1768
YIQ	20.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

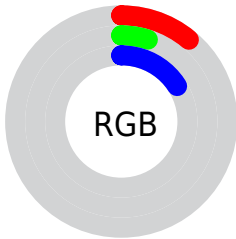
Format	Color
RYB	27, 13, 41
Decimal	1772841
CIELab	6.15, 13.94, -16.09
CIELCh	6, 21.290, 310.911
Yxy	0.6810, 0.2585, 0.1767
Android (android.graphics.Color)	4279962921 (0xFF1B0D29)
YUV	20.3780, 10.1666, 5.8075
Hunter-Lab	8.2520, 7.1070, -9.8634

Details

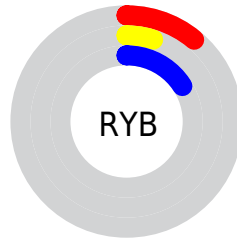
The YUV color **20.3780, 10.1666, 5.8075** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **33.6220, -10.1666, -5.8075**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.3180, 11.1822, 6.7371**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.4320, 11.6190, 6.6371**, and if you desaturate by 10%, it is **23.3240, 8.7143, 4.9779**.

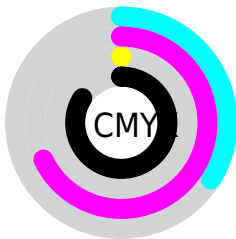
Distribution



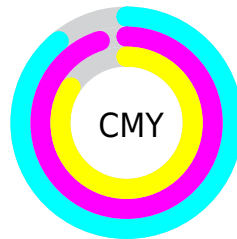
- Red (11%)
- Green (5%)
- Blue (16%)



- Red (11%)
- Yellow (5%)
- Blue (16%)



- Cyan (34%)
- Magenta (68%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3780, 10.1666, 5.8075 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 20.3780, 10.1666, 5.8075 by changing the saturation by 10% instead.

■ 20.3780, 10.1666,
5.8075

■ 20.3780, 10.1666,
5.8075

■ 243.8470, 5.4984,
9.7812

■ 2.8670, 8.4466,
-2.5144

■ 63.3180, 11.1822,
6.7371

■ 0.0000, 0.0000,
0.0000

■ 86.8450, 11.9084,
7.1519

■ 111.2580, 12.1978,
7.6667

■ 137.3720, 12.6346,
7.5668

■ 163.7850, 12.9240,
8.0816

■ 190.3120, 13.6502,

8.4964

■ 218.3120, 13.6502,
8.4964

■ 20.3780, 10.1666,
5.8075

■ 20.3780, 10.1666,
5.8075

■ 17.4320, 11.6190,
6.6371

■ 23.3240, 8.7143,
4.9779

■ 14.4860, 13.0714,
7.4668

■ 26.2700, 7.2619,
4.1482

■ 11.5400, 14.5238,
8.2964

■ 29.2160, 5.8095,
3.3186

■ 10.6540, 14.9606,
8.1964

■ 32.1620, 4.3571,
2.4889

■ 35.1080, 2.9048,
1.6593

■ 38.6410, 1.1630,
0.3148

■ 41.5870, -0.2894,
-0.5148

■ 44.5330, -1.7418,
-1.3444

■ 47.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



16.5110, 15.0311, -14.4801



20.3780, 10.1666, 5.8075



18.7880, 5.0345, 18.6029

Triad

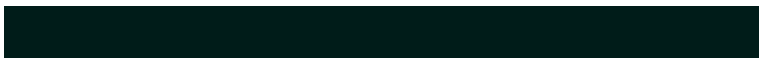
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.3780, 10.1666, 5.8075



18.9710, -9.3527, 13.1804



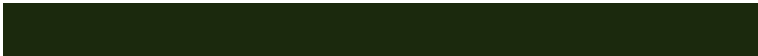
19.2860, 2.8170, -16.9138

Complementary

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



20.3780, 10.1666, 5.8075



33.6220, -10.1666, -5.8075

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.



17.0060, -5.9190, -14.9143



20.3780, 10.1666, 5.8075



18.6060, -9.1728, 2.0995

Square

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



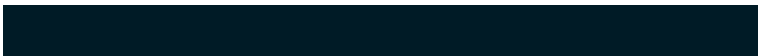
20.3780, 10.1666, 5.8075



17.5530, -8.6536, 22.3170



14.6750, -7.2348, -12.8700



20.1810, 8.7848, -17.6987

Rectangle

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



20.3780, 10.1666, 5.8075



17.7840, 1.0925, 22.9914



14.6750, -7.2348, -12.8700



18.7160, 0.6330, -16.4139

Sweetspot

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



20.3780, 10.1666, 5.8075



45.7490, 4.0677, 1.9741



24.4100, 8.1789, -10.0066



22.9940, 2.4680, 1.7593



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



20.3780, 10.1666, 5.8075



21.5940, 15.9762, 9.1261



24.5640, 8.1029, 14.4144



18.5270, 0.7262, 0.4148



22.1340, 30.4999, 17.4225



55.8620, 76.9760, 43.9710

Inverse Universe

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



22.9680, 1.9878, 15.8141



25.6640, 3.1236, 24.8507



29.4360, -8.1029, -14.4144



18.7120, 0.1420, 1.1296



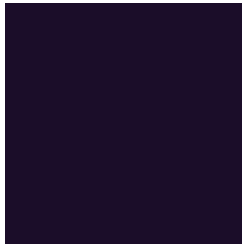
29.9040, 5.9633, 47.4422



75.4720, 15.0503, 119.7351

Previews

White Background



This preview shows how the YUV color 20.3780, 10.1666, 5.8075 looks on a white background.

Color Contrast Check

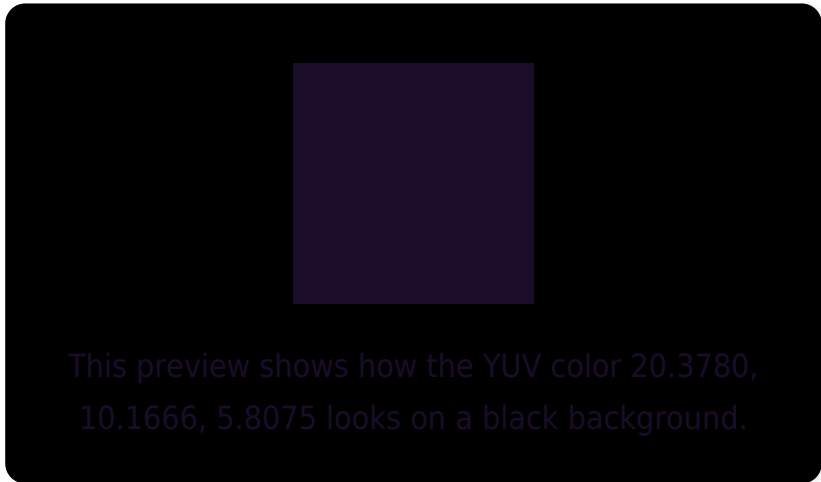
Large Text (above 18pt) WCAG AA ✓ Pass

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

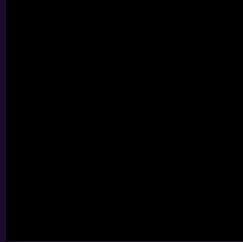
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3780, 10.1666, 5.8075

Background



This preview shows how black text looks on a background with the YUV color 20.3780, 10.1666, 5.8075.



This preview shows how white text looks on a background with the YUV color 20.3780, 10.1666,

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

20.3780, 10.1666, 5.8075

Deuteranopia

16.5450, 10.0843, -14.5100

Tritanopia

20.4240, 0.2840, 2.2592

Trichromacy



Original Color

20.3780, 10.1666, 5.8075

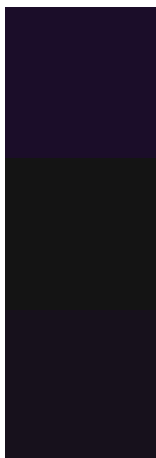
Deuteranomaly

17.8880, 9.9152, -6.9178

Tritanomaly

20.3470, 3.7729, 3.2037

Monochromacy



Original Color

20.3780, 10.1666, 5.8075

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3780, 10.1666, 5.8075 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(27, 13, 41)` looks like.

```
.text, #text, p{  
    color:rgb(27, 13, 41)  
}
```

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(27, 13, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 13, 41) }
```

Border

The CSS property to change the border of an element to YUV 20.3780, 10.1666, 5.8075 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(27, 13, 41) }
```

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

```
.border{ border-color:rgb(27, 13, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 13, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 13, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 13, 41);  
box-shadow:4px 4px 4px 4px rgb(27, 13, 41)  
}
```


Background

The CSS property to change the background color of an element to YUV 20.3780, 10.1666, 5.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 13, 41) }
```

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

```
.background{ background-color: rgb(27, 13,  
41) }
```

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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