

Converting Colors

YUV(19.2100, 8.2775, 5.0778)

Have a look what the booklet for
YUV(19.2100, 8.2775, 5.0778)
contains.

YUV(19.2100, 8.2775, 5.0778)	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(19.2100, 8.2775,
5.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	190D24
RGB	25, 13, 36
RGB Percent	10%, 5%, 14%
CMY	0.9020, 0.9490, 0.8588
CMYK	0.31, 0.64, 0.00, 0.86
HSL	271°, 47%, 10%
HSV	271°, 64%, 14%
XYZ	0.8633, 0.6219, 1.7436
YIQ	19.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

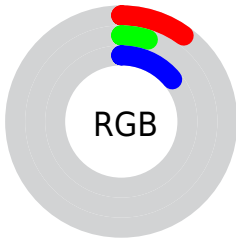
Format	Color
RYB	25, 13, 36
Decimal	1641764
CIELab	5.62, 11.14, -13.14
CIELCh	6, 17.228, 310.297
Yxy	0.6219, 0.2674, 0.1926
Android (android.graphics.Color)	4279831844 (0xFF190D24)
YUV	19.2100, 8.2775, 5.0778
Hunter-Lab	7.8860, 5.7394, -7.5888

Details

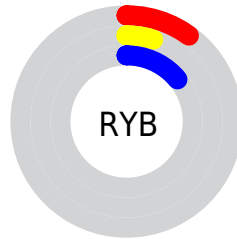
The YUV color **19.2100, 8.2775, 5.0778** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **29.7900, -8.2775, -5.0778**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.4380, 9.1511, 4.8779**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.2640, 9.7298, 5.9075**, and if you desaturate by 10%, it is **22.1560, 6.8251, 4.2482**.

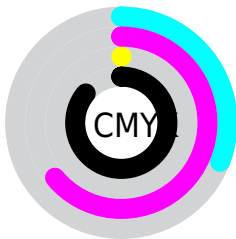
Distribution



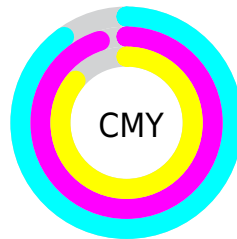
- Red (10%)
- Green (5%)
- Blue (14%)



- Red (10%)
- Yellow (5%)
- Blue (14%)



- Cyan (31%)
- Magenta (64%)
- Yellow (0%)
- Black (86%)



- Cyan (90%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.2100, 8.2775, 5.0778 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 19.2100, 8.2775, 5.0778 by changing the saturation by 10% instead.

■ 19.2100, 8.2775,
5.0778

■ 19.2100, 8.2775,
5.0778

■ 243.2490, 5.7932,
8.5516

■ 2.0690, 5.3890,
-1.8145

■ 62.4380, 9.1511,
4.8779

■ 0.0000, 0.0000,
0.0000

■ 85.8510, 9.4405,
5.3927

■ 110.2640, 9.7298,
5.9075

■ 135.3780, 10.1666,
5.8075

■ 161.7910, 10.4560,
6.3223

■ 188.9050, 10.8928,

6.2223

■ 216.3180, 11.1822,
6.7371

■ 19.2100, 8.2775,
5.0778

■ 19.2100, 8.2775,
5.0778

■ 16.2640, 9.7298,
5.9075

■ 22.1560, 6.8251,
4.2482

■ 14.2040, 10.7454,
6.8371

■ 24.2160, 5.8095,
3.3186

■ 11.2580, 12.1978,
7.6667

■ 27.1620, 4.3571,
2.4889

■ 9.7850, 12.9240,
8.0816

■ 29.5210, 3.1941,
2.1741

■ 32.4670, 1.7418,
1.3444

■ 35.1140, 0.4368,
-0.1000

■ 37.4730, -0.7262,
-0.4148

■ 40.4190, -2.1786,
-1.2445

■ 42.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



16.4360, 12.1101, -10.9064



19.2100, 8.2775, 5.0778



18.5380, 4.1718, 15.3142

Triad

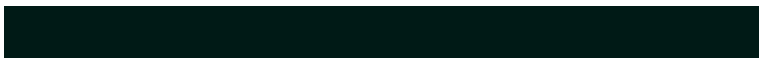
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.2100, 8.2775, 5.0778



17.7860, -8.7685, 12.4657



17.7700, 2.0854, -15.5843

Complementary

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



19.2100, 8.2775, 5.0778



29.7900, -8.2775, -5.0778

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.



15.3590, -4.6140, -13.4698



19.2100, 8.2775, 5.0778



17.1330, -8.4466, 2.5144

Square

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



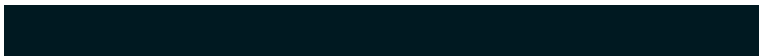
19.2100, 8.2775, 5.0778



16.9440, -8.3534, 19.3431



14.3980, -7.0982, -9.9960



18.4370, 7.1796, -16.1692

Rectangle

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



19.2100, 8.2775, 5.0778



17.9360, 0.5246, 18.4731



14.3980, -7.0982, -9.9960



17.3140, 0.3382, -15.1844

Sweetspot

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



19.2100, 8.2775, 5.0778



39.5210, 3.1941, 2.1741



22.0790, 6.8631, -7.9623



19.1680, 1.8892, 0.7297



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



19.2100, 8.2775, 5.0778



20.3720, 12.6346, 7.5668



22.4990, 6.6560, 11.8404



16.5270, 0.7262, 0.4148



22.2050, 29.4789, 18.2372



56.4170, 75.2234, 46.1153

Inverse Universe

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



21.1310, 1.4144, 13.0401



23.2890, 1.8295, 19.9175



26.5010, -6.6560, -11.8404



16.7120, 0.1420, 1.1296



28.9640, 4.9477, 46.5126



73.8910, 12.8717, 118.4906

Previews

White Background



This preview shows how the YUV color 19.2100, 8.2775, 5.0778 looks on a white background.

Color Contrast Check

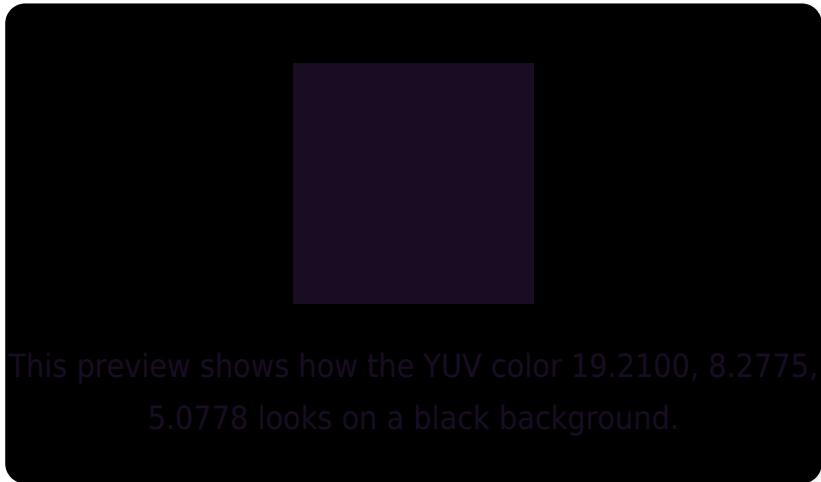
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2100, 8.2775, 5.0778

Background



This preview shows how black text looks on a background with the YUV color 19.2100, 8.2775, 5.0778.



This preview shows how white text looks on a background with the YUV color 19.2100, 8.2775,

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

19.2100, 8.2775, 5.0778

Protanopia

15.0120, 11.8261, -13.1655

Deuteranopia

15.0290, 9.3527, -13.1804



Tritanopia

19.3100, -0.1528, 2.3591

Trichromacy



Original Color

19.2100, 8.2775, 5.0778

Protanomaly

16.4150, 10.6414, -6.5030

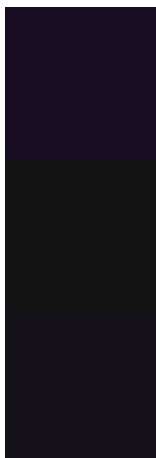
Deuteranomaly

16.6600, 9.0416, -6.7178

Tritanomaly

19.1190, 2.8993, 3.4036

Monochromacy



Original Color

19.2100, 8.2775, 5.0778

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.2100, 8.2775, 5.0778 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, 13, 36)` looks like.

```
.text, #text, p{  
    color:rgb(25, 13, 36)  
}
```

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, 13, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 13, 36) }
```

Border

The CSS property to change the border of an element to YUV 19.2100, 8.2775, 5.0778 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, 13, 36) }
```


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

```
.border{ border-color:rgb(25, 13, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 13, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 13, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 13, 36);  
box-shadow:4px 4px 4px 4px rgb(25, 13, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.2100, 8.2775, 5.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 13, 36) }
```

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

```
.background{ background-color: rgb(25, 13,  
36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor