

Converting Colors

YUV(19.8170, 51.3622, -0.7165)

Have a look what the booklet for
YUV(19.8170, 51.3622, -0.7165)
contains.

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Color

**YUV(19.8170, 51.3622,
-0.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	13007C
RGB	19, 0, 124
RGB Percent	7%, 0%, 49%
CMY	0.9255, 1.0000, 0.5137
CMYK	0.85, 1.00, 0.00, 0.51
HSL	249°, 100%, 24%
HSV	249°, 100%, 49%
XYZ	3.9066, 1.5937, 19.1705
YIQ	19.8170, -28.4800, 42.5920

Conversions

Conversions Part 2

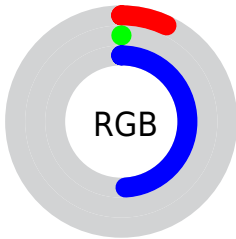
Format	Color
R_{YB}	19, 0, 124
Decimal	1245308
CIE _{Lab}	13.19, 46.73, -61.76
CIE _{LCh}	13, 77.449, 307.109
Yxy	1.5937, 0.1584, 0.0646
Android (android.graphics.Color)	4279435388 (0xFF13007C)
YUV	19.8170, 51.3622, -0.7165
Hunter-Lab	12.6241, 33.1463, -81.1986

Details

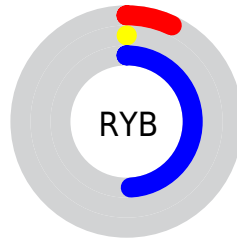
The YUV color **19.8170, 51.3622, -0.7165** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **104.1830, -51.3622, 0.7165**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.2420, 50.1667, 9.4348**, and **8.3220, 31.8863, -7.2984** is the 20% darker color. If you saturate the color by 10%, you get **19.8170, 51.3622, -0.7165**, and if you desaturate by 10%, it is **29.8510, 46.4155, -0.7463**.

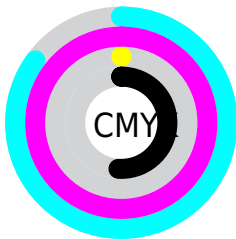
Distribution



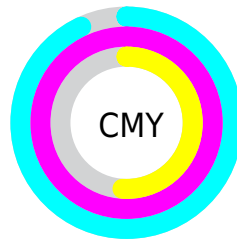
- Red (7%)
- Green (0%)
- Blue (49%)



- Red (7%)
- Yellow (0%)
- Blue (49%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.8170, 51.3622, -0.7165 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 19.8170, 51.3622, -0.7165 by changing the saturation by 10% instead.

■ 19.8170, 51.3622,
-0.7165

■ 19.8170, 51.3622,
-0.7165

■ 244.4340, 5.2090,
9.2664

■ 11.1720, 42.8062,
-9.7978

■ 76.2420, 50.1667,
9.4348

■ 8.3220, 31.8863,
-7.2984

■ 102.7800, 50.8875,
11.5939

■ 8.0480, 20.6823,
-7.0581

■ 129.4320, 52.0450,
13.6531

■ 3.7790, 11.9410,
-3.3142

■ 155.0580, 49.2714,
16.6121

■ 0.0000, 0.0000,
0.0000

■ 179.5780, 37.1830,
20.5411

■ 204.3970, 24.9473,

25.0848

■ 227.4110, 13.6014,
24.1956

■ 19.8170, 51.3622,
-0.7165

■ 29.8510, 46.4155,
-0.7463

■ 40.7710, 41.0319,
-0.6762

■ 50.8050, 36.0851,
-0.7060

■ 61.7250, 30.7016,
-0.6358

■ 71.7590, 25.7548,
-0.6656

■ 82.0920, 20.6606,
-0.0807

■ 92.7130, 15.4245,
-0.6253

■ 103.0460, 10.3303,
-0.0403

■ 113.9660, 4.9468,
0.0298

Harmonies

Analogous

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



41.4120, 52.0549, -36.3183



19.8170, 51.3622, -0.7165



38.9770, 18.7453, 54.3942

Triad

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



19.8170, 51.3622, -0.7165



25.6480, -12.6445, 42.4047



34.0070, 5.9125, -29.8241

Complementary

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



19.8170, 51.3622, -0.7165



104.1830, -51.3622, 0.7165

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.



28.1760, -13.8908, -24.7104



19.8170, 51.3622, -0.7165



31.2870, -15.4245, 0.6253

Square

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



19.8170, 51.3622, -0.7165



31.0960, -15.3303, 63.9368



27.0020, -13.3120, -23.6808



42.5110, 28.3421, -37.2821

Rectangle

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



19.8170, 51.3622, -0.7165



39.1730, 1.3937, 66.5003



27.0020, -13.3120, -23.6808



31.8410, -2.3866, -27.9246

Sweetspot

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



19.8170, 51.3622, -0.7165



119.9780, 20.2238, 0.0193



75.7710, 23.7769, -66.4512



56.9150, 12.3669, 0.0745



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



19.8170, 51.3622, -0.7165



25.8290, 66.6393, -0.7270



38.3550, 42.2230, 37.3997



55.9830, 2.4734, 0.0149



19.9310, 51.7990, -0.8165



40.3890, 104.3242, -1.2182

Inverse Universe

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



49.0460, 27.5853, 65.7347



63.6430, 35.6720, 85.3821



85.6450, -42.2230, -37.3997



57.3640, 1.2995, 3.1888



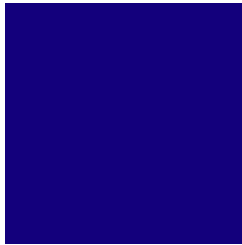
49.4590, 27.8747, 66.2495



99.7440, 56.3282, 133.5285

Previews

White Background



This preview shows how the YUV color 19.8170, 51.3622, -0.7165 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

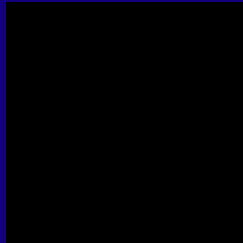
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.8170, 51.3622, -0.7165

Background



This preview shows how black text looks on a background with the YUV color 19.8170, 51.3622, -0.7165.



This preview shows how white text looks on a background with the YUV color 19.8170, 51.3622, -0.7165.

-0.7165.

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

30.6110, 23.3628, -26.8458

Deuteranopia

31.0040, 17.2530, -27.1905

Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Protanomaly

27.0110, 33.5186, -17.5496

Deuteranomaly

26.6860, 29.7348, -17.2646

Tritanomaly

26.3780, 23.4776, -16.9945

Monochromacy



Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2230, 18.6241, -0.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.8170, 51.3622, -0.7165 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(19, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(19, 0, 124)  
}
```

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(19, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 0, 124) }
```

Border

The CSS property to change the border of an element to YUV 19.8170, 51.3622, -0.7165 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(19, 0, 124) }
```

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

```
.border{ border-color:rgb(19, 0, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 0, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(19, 0, 124)  
}
```


Background

The CSS property to change the background color of an element to YUV 19.8170, 51.3622, -0.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 0, 124) }
```

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

```
.background{ background-color: rgb(19, 0,  
124) }
```

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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