

Converting Colors

YUV(19.2510, -0.6167, 11.1809)

Have a look what the booklet for
YUV(19.2510, -0.6167, 11.1809)
contains.

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Color

**YUV(19.2510, -0.6167,
11.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	200D12
RGB	32, 13, 18
RGB Percent	13%, 5%, 7%
CMY	0.8745, 0.9490, 0.9294
CMYK	0.00, 0.59, 0.44, 0.87
HSL	344°, 42%, 9%
HSV	344°, 59%, 13%
XYZ	0.8488, 0.6386, 0.6508
YIQ	19.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

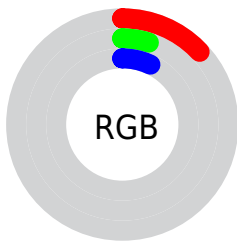
Format	Color
RYB	32, 13, 18
Decimal	2100498
CIELab	5.77, 9.90, 0.64
CIELCh	6, 9.925, 3.679
Yxy	0.6386, 0.3970, 0.2987
Android (android.graphics.Color)	4280290578 (0xFF200D12)
YUV	19.2510, -0.6167, 11.1809
Hunter-Lab	7.9912, 4.9743, 0.7654

Details

The YUV color **19.2510, -0.6167, 11.1809** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.7490, 0.6167, -11.1809**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.4360, -1.2009, 11.8956**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.2620, -0.6222, 12.9252**, and if you desaturate by 10%, it is **21.2400, -0.6113, 9.4365**.

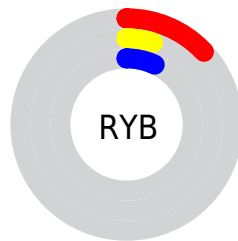
Distribution



Red (13%)

Green (5%)

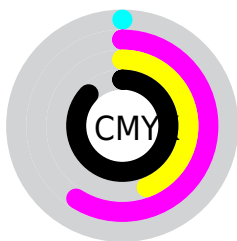
Blue (7%)



Red (13%)

Yellow (5%)

Blue (7%)

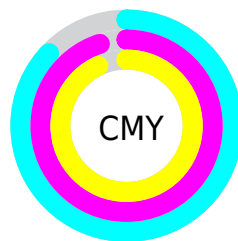


Cyan (0%)

Magenta (59%)

Yellow (44%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.2510, -0.6167, 11.1809 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 19.2510, -0.6167, 11.1809 by changing the saturation by 10% instead.

■ 19.2510, -0.6167,
11.1809

■ 19.2510, -0.6167,
11.1809

■ 242.3650, -0.1799,
11.0809

■ 0.0000, 0.0000,
0.0000

■ 62.4360, -1.2009,
11.8956

■ 85.7350, -1.3484,
12.5104

■ 110.1480, -1.0590,
13.0252

■ 135.4470, -1.2064,
13.6400

■ 161.7460, -1.3538,
14.2548

■ 189.0450, -1.5012,

14.8695

■ 216.4580, -1.2118,
15.3843

■ 19.2510, -0.6167,
11.1809

■ 19.2510, -0.6167,
11.1809

■ 17.2620, -0.6222,
12.9252

■ 21.2400, -0.6113,
9.4365

■ 15.1590, -1.0644,
14.7696

■ 23.3430, -0.1691,
7.5922

■ 12.5830, -0.7804,
17.0287

■ 25.9190, -0.4531,
5.3330

■ 10.5940, -0.7858,
18.7731

■ 27.9080, -0.4476,
3.5887

■ 10.4800, -1.2226,
18.8730

■ 30.0110, -0.0054,
1.7444

■ 32.0000, 0.0000,
0.0000

■ 34.1030, 0.4422,
-1.8443

■ 36.6790, 0.1583,
-4.1035

■ 38.6680, 0.1637,
-5.8478

Harmonies

Analogous

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



19.4400, 2.7411, 7.5071



19.2510, -0.6167, 11.1809



18.9970, -5.4215, 12.2806

Triad

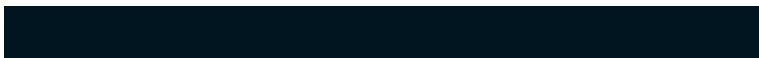
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.2510, -0.6167, 11.1809



16.9260, -7.8515, -1.6891



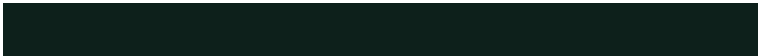
15.8610, 7.4635, -13.9101

Complementary

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



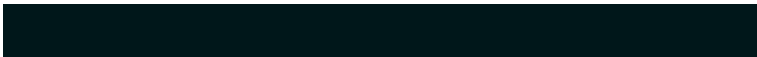
19.2510, -0.6167, 11.1809



25.7490, 0.6167, -11.1809

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.



16.4650, 4.7008, -14.4398



19.2510, -0.6167, 11.1809



15.5380, -2.7302, -10.9958

Square

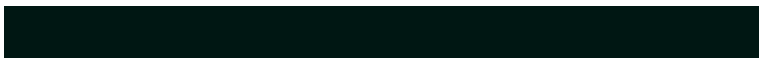
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.2510, -0.6167, 11.1809



17.7420, -8.7468, 5.4883



15.6670, 1.6432, -13.7400



17.7910, 7.0050, -6.8327

Rectangle

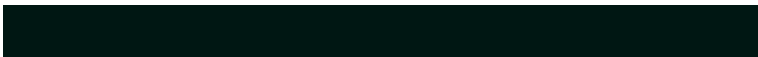
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



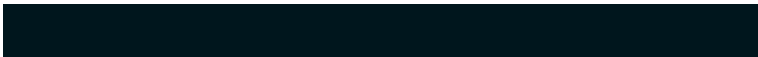
19.2510, -0.6167, 11.1809



18.3020, -8.0369, 11.1361



15.6670, 1.6432, -13.7400



16.2200, 6.3005, -14.2249

Sweetspot

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



19.2510, -0.6167, 11.1809



35.6200, -0.3057, 4.7183



19.3520, 6.2355, 6.7073



17.3100, -0.1528, 2.3591



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



19.2510, -0.6167, 11.1809



21.4690, -1.2172, 17.1287



21.0290, -3.9583, 9.6216



14.2990, -0.1474, 0.6148



26.0150, -2.4724, 46.4678



68.0490, -6.9262, 121.8600

Inverse Universe

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



19.2510, -0.6167, 11.1809



21.4690, -1.2172, 17.1287



23.9710, 3.9583, -9.6216



14.2990, -0.1474, 0.6148



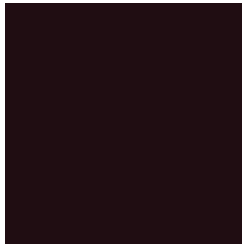
26.0150, -2.4724, 46.4678



68.0490, -6.9262, 121.8600

Previews

White Background



This preview shows how the YUV color 19.2510, -0.6167, 11.1809 looks on a white background.

Color Contrast Check

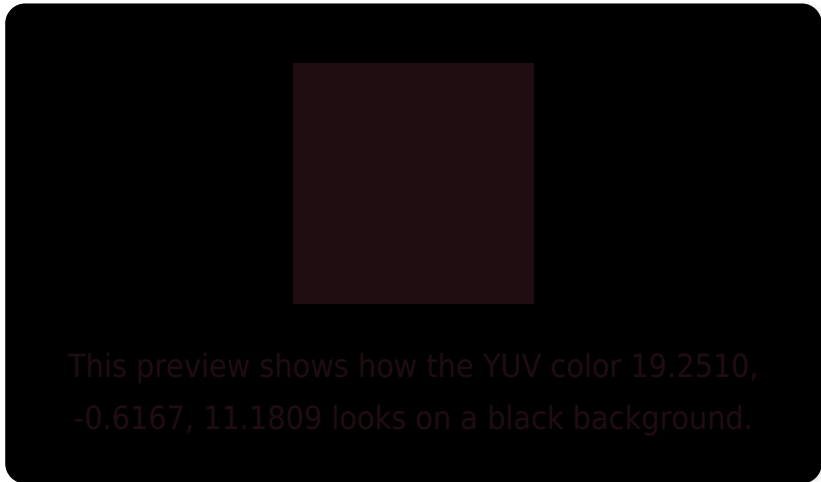
Large Text (above 18pt) WCAG AA ✓ Pass

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

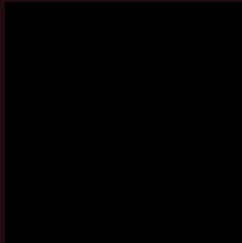
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.2510, -0.6167, 11.1809

Background



This preview shows how black text looks on a background with the YUV color 19.2510, -0.6167, 11.1809.

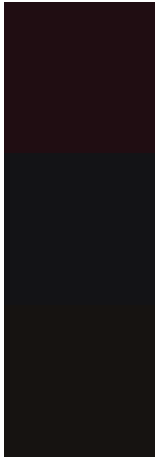


This preview shows how white text looks on a background with the YUV color 19.2510, -0.6167,

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

19.2510, -0.6167, 11.1809

Protanopia

19.3420, 1.3104, -0.2999

Deuteranopia

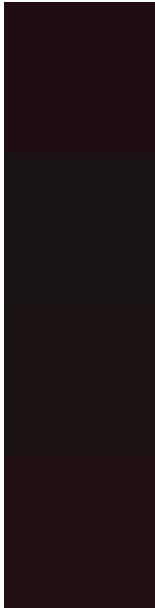
19.6690, -1.3158, 2.0443



Tritanopia

19.4960, -2.2165, 10.9660

Trichromacy



Original Color

19.2510, -0.6167, 11.1809

Protanomaly

19.5490, 0.7153, 3.9035

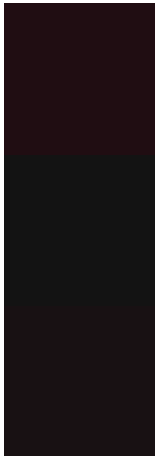
Deuteranomaly

19.6910, -1.3267, 5.5330

Tritanomaly

19.6100, -1.7797, 10.8660

Monochromacy



Original Color

19.2510, -0.6167, 11.1809

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.3210, -0.1583, 4.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.2510, -0.6167, 11.1809 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(32, 13, 18)` looks like.

```
.text, #text, p{  
    color:rgb(32, 13, 18)  
}
```

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(32, 13, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 13, 18) }
```

Border

The CSS property to change the border of an element to YUV 19.2510, -0.6167, 11.1809 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(32, 13, 18) }
```


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

```
.border{ border-color:rgb(32, 13, 18) }
```

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

Here you see how a box with a 4 pixel rgb(32, 13, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 13, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 13, 18);  
box-shadow:4px 4px 4px 4px rgb(32, 13, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.2510, -0.6167, 11.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 13, 18) }
```

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

```
.background{ background-color: rgb(32, 13,  
18) }
```

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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