

Converting Colors

YUV(166.2810, -19.3655,
51.4966)

Have a look what the booklet for
YUV(166.2810, -19.3655, 51.4966)
contains.

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Color

**YUV(166.2810, -19.3655,
51.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	E1907F
RGB	225, 144, 127
RGB Percent	88%, 56%, 50%
CMY	0.1176, 0.4353, 0.5020
CMYK	0.00, 0.36, 0.44, 0.12
HSL	10°, 62%, 69%
HSV	10°, 44%, 88%
XYZ	44.8554, 37.4864, 24.9501
YIQ	166.2810, 53.7330, 11.8850

Conversions

Conversions Part 2

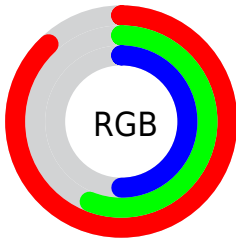
Format	Color
R_{YB}	225, 148, 127
Decimal	14782591
CIE _{Lab}	67.64, 28.76, 21.82
CIE _{LCh}	68, 36.102, 37.187
Yxy	37.4864, 0.4181, 0.3494
Android (android.graphics.Color)	4292972671 (0xFFE1907F)
YUV	166.2810, -19.3655, 51.4966
Hunter-Lab	61.2261, 23.6266, 18.6971

Details

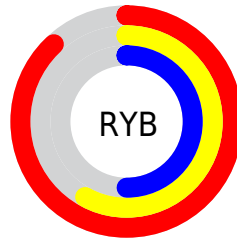
The YUV color **166.2810, -19.3655, 51.4966** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **185.7190, 19.3655, -51.4966**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9910, -16.2646, 36.8419**, and **113.4160, -17.4601, 46.9932** is the 20% darker color. If you saturate the color by 10%, you get **152.6200, -23.4767, 63.4773**, and if you desaturate by 10%, it is **180.0560, -14.8176, 39.4159**.

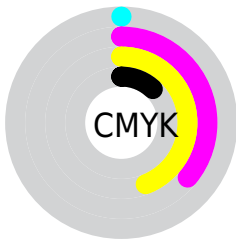
Distribution



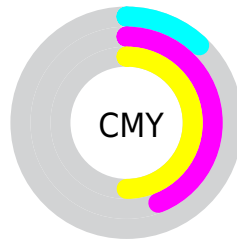
- Red (88%)
- Green (56%)
- Blue (50%)



- Red (88%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2810, -19.3655, 51.4966 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 166.2810, -19.3655, 51.4966 by changing the saturation by 10% instead.

■ 166.2810,
-19.3655, 51.4966

■ 166.2810,
-19.3655, 51.4966

255.0000, 0.0000,
0.0000

■ 139.4980,
-18.4865, 49.5523

■ 212.9910,
-16.2646, 36.8419

■ 113.4160,
-17.4601, 46.9932

■ 233.0920,
-12.8634, 19.2133

■ 87.7470, -16.1443,
44.9489

■ 252.8340, -8.2992,
1.8996

■ 62.7790, -14.6810,
42.2898

■ 38.8110, -13.2178,
39.6308

■ 17.3420, -8.5496,
35.6571

■ 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 166.2810,
-19.3655, 51.4966

■ 166.2810,
-19.3655, 51.4966

■ 152.6200,
-23.4767, 63.4773

■ 180.0560,
-14.8176, 39.4159

■ 139.4320,
-28.3140, 75.0431

■ 193.1300,
-10.4171, 27.9500

■ 125.7710,
-32.4251, 87.0238

■ 206.9050, -5.8692,
15.8693

■ 112.5830,
-37.2624, 98.5897

■ 219.9790, -1.4686,
4.4034

■ 98.9220, -41.3735,
110.5704

■ 233.7540, 3.0793,
-7.6773

■ 90.1680, -44.4528,
118.2477

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



167.7770, -4.8201, 52.8156



166.2810, -19.3655, 51.4966



164.2610, -29.2157, 37.4821

Triad

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



166.2810, -19.3655, 51.4966



152.4880, -7.1426, -42.5240



162.1300, 32.9669, -27.3010

Complementary

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



166.2810, -19.3655, 51.4966



185.7190, 19.3655, -51.4966

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.



150.6860, 36.1438, -66.3766



166.2810, -19.3655, 51.4966



144.0830, 13.7631, -74.6178

Square

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



166.2810, -19.3655, 51.4966



157.6630, -22.5119, -12.8595



138.3590, 31.8680, -95.0308



168.0700, 24.1225, 9.5856

Rectangle

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



166.2810, -19.3655, 51.4966



162.8910, -31.4983, 22.8976



138.3590, 31.8680, -95.0308



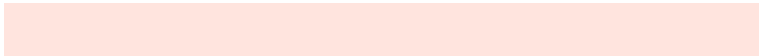
159.0960, 34.4627, -40.4262

Sweetspot

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



166.2810, -19.3655, 51.4966



235.3890, -6.6008, 17.1988



165.6500, 21.3716, 52.0500



115.6270, -4.2531, 10.8511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.2810, -19.3655, 51.4966



175.2680, -26.2611, 69.9250



194.4570, -33.2563, 26.7862



105.4630, -2.2003, 5.7329



70.8210, -34.9148, 92.2420



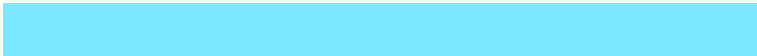
19.0480, -9.3907, 25.3909

Inverse Universe

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



185.7190, 19.3655, -51.4966



201.7320, 26.2611, -69.9250



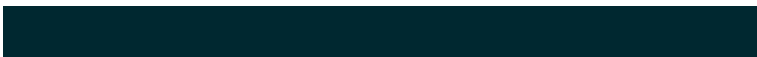
157.5430, 33.2563, -26.7862



107.5370, 2.2003, -5.7329



105.1790, 34.9148, -92.2420



28.9520, 9.3907, -25.3909

Previews

White Background



This preview shows how the YUV color 166.2810, -19.3655, 51.4966 looks on a white background.

Color Contrast Check

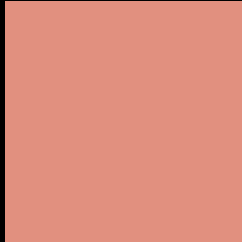
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.2810, -19.3655, 51.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

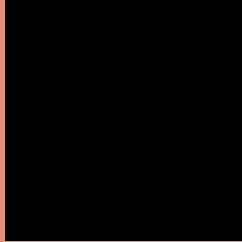
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2810, -19.3655, 51.4966

Background



This preview shows how black text looks on a background with the YUV color 166.2810, -19.3655, 51.4966.



This preview shows how white text looks on a background with the YUV color 166.2810, -19.3655,

51.4966.

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

166.2810, -19.3655, 51.4966

Protanopia

164.7980, -13.7044, 8.9472

Deuteranopia

165.1870, -20.3052, 26.1460



Tritanopia

167.8540, -8.3090, 51.8710

Trichromacy



Original Color

166.2810, -19.3655, 51.4966

Protanomaly

165.0280, -15.7898, 24.5314

Deuteranomaly

165.6550, -20.0429, 35.3826

Tritanomaly

167.1160, -12.3822, 51.6413

Monochromacy



Original Color

166.2810, -19.3655, 51.4966

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9870, -6.8956, 18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2810, -19.3655, 51.4966 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(225, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(225, 144, 127)  
}
```

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(225, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 144, 127) }
```

Border

The CSS property to change the border of an element to YUV 166.2810, -19.3655, 51.4966 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(225, 144, 127) }
```


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

```
.border{ border-color:rgb(225, 144, 127) }
```

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

Here you see how a box with a 4 pixel rgb(225, 144, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(225, 144,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 166.2810, -19.3655, 51.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 144, 127) }
```

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

```
.background{ background-color: rgb(225,  
144, 127) }
```

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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