

Converting Colors

YUV(166.2810, -9.5055,
15.5396)

Have a look what the booklet for
YUV(166.2810, -9.5055, 15.5396)
contains.

YUV(166.2810, -9.5055, 15.5396)	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(166.2810, -9.5055,
15.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A193
RGB	184, 161, 147
RGB Percent	72%, 63%, 58%
CMY	0.2784, 0.3686, 0.4235
CMYK	0.00, 0.13, 0.20, 0.28
HSL	23°, 21%, 65%
HSV	23°, 20%, 72%
XYZ	37.7785, 37.7867, 32.9062
YIQ	166.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

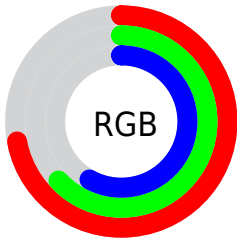
Format	Color
R_{YB}	184, 170, 147
Decimal	12099987
CIE _{Lab}	67.86, 6.15, 10.38
CIE _{LCh}	68, 12.060, 59.359
Yxy	37.7867, 0.3483, 0.3484
Android (android.graphics.Color)	4290290067 (0xFFB8A193)
YUV	166.2810, -9.5055, 15.5396
Hunter-Lab	61.4709, 2.1277, 11.2909

Details

The YUV color $166.2810, -9.5055, 15.5396$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $164.7190, 9.5055, -15.5396$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.4660, -10.0897, 16.2543$, and $114.0960, -8.9213, 14.8248$ is the 20% darker color. If you saturate the color by 10%, you get $157.7720, -14.1846, 23.0020$, and if you desaturate by 10%, it is $174.7900, -4.8265, 8.0772$.

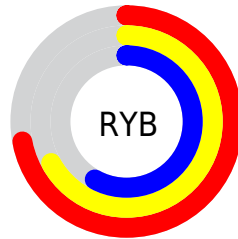
Distribution



Red (72%)

Green (63%)

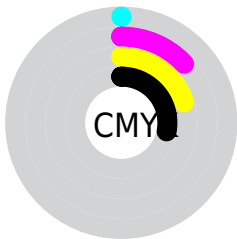
Blue (58%)



Red (72%)

Yellow (67%)

Blue (58%)

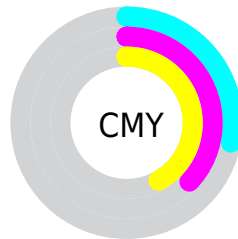


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2810, -9.5055, 15.5396 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, -9.5055, 15.5396 by changing the saturation by 10% instead.

■ 166.2810, -9.5055,
15.5396

■ 166.2810, -9.5055,
15.5396

255.0000, 0.0000,
0.0000

■ 139.9820, -9.3581,
14.9248

■ 221.4660,
-10.0897, 16.2543

■ 114.0960, -8.9213,
14.8248

■ 245.5790, -8.1734,
8.2622

■ 89.6120, -8.1897,
13.4953

■ 66.3130, -8.0423,
12.8805

■ 43.8290, -7.3107,
11.5510

■ 22.9600, -9.3473,
11.4361

■ 0.0000, 0.0000,

0.0000

■ 166.2810, -9.5055,
15.5396

■ 166.2810, -9.5055,
15.5396

■ 157.7720,
-14.1846, 23.0020

■ 174.7900, -4.8265,
8.0772

■ 148.5620,
-19.0111, 31.0791

■ 184.0000, 0.0000,
0.0000

■ 140.0530,
-23.6901, 38.5415

■ 192.5090, 4.6791,
-7.4624

■ 130.8430,
-28.5166, 46.6187

■ 201.7190, 9.5055,
-15.5396

■ 122.3340,
-33.1957, 54.0811

■ 210.2280, 14.1846,
-23.0020

■ 113.2380,
-37.5853, 62.0583

■ 219.0960, 17.7007,
-30.7792

■ 104.6150,
-42.7012, 69.6206

■ 225.5530, 14.5174,
-36.4420

■ 96.1060, -47.3803,
77.0830

■ 232.5970, 11.0447,
-42.6196

■ 233.7710, 10.4659,
-43.6492

Harmonies

Analogous

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



167.5140, -6.1694, 18.8432



166.2810, -9.5055, 15.5396



165.0090, -10.3574, 8.7621

Triad

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



166.2810, -9.5055, 15.5396



161.9330, 1.5120, -18.3582



166.5900, 8.5831, 0.3596

Complementary

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



166.2810, -9.5055, 15.5396



164.7190, 9.5055, -15.5396

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.



164.5070, 11.0890, -10.0916



166.2810, -9.5055, 15.5396



161.7030, 7.0484, -20.7875

Square

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



166.2810, -9.5055, 15.5396



162.7830, -4.3300, -11.2107



162.6370, 10.5320, -18.0986



167.9180, 4.4774, 10.5959

Rectangle

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



166.2810, -9.5055, 15.5396



164.4920, -9.6096, 2.1995



162.6370, 10.5320, -18.0986



166.2090, 9.7570, -2.8143

Sweetspot

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



166.2810, -9.5055, 15.5396



233.0070, -3.9475, 6.1329



160.6850, 4.5923, 20.4473



116.0390, -2.4842, 3.4738



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.2810, -9.5055, 15.5396



212.2560, -14.9162, 24.3315



176.8470, -14.7146, 6.2732



87.4520, -2.1948, 3.9886



81.2770, -40.0696, 65.5321



14.8290, -7.3107, 11.5510

Inverse Universe

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



164.7190, 9.5055, -15.5396



209.7440, 14.9162, -24.3315



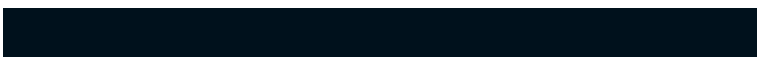
154.1530, 14.7146, -6.2732



86.9610, 2.4842, -3.4738



74.7230, 40.0696, -65.5321



13.1710, 7.3107, -11.5510

Previews

White Background



This preview shows how the YUV color 166.2810, -9.5055, 15.5396 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, -9.5055, 15.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

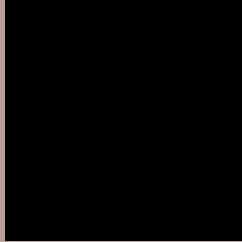
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2810, -9.5055, 15.5396

Background



This preview shows how black text looks on a background with the YUV color 166.2810, -9.5055, 15.5396.



This preview shows how white text looks on a background with the YUV color 166.2810, -9.5055,

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, -9.5055, 15.5396

Protanopia

165.2690, -8.0206, 5.9031

Deuteranopia

166.3030, -9.5164, 19.0283



Tritanopia

168.0390, 0.9668, 16.6288

Trichromacy



Original Color

166.2810, -9.5055, 15.5396

Protanomaly

165.7640, -8.7577, 8.9770

Deuteranomaly

166.5910, -9.6584, 17.8987

Tritanomaly

167.4150, -2.6696, 16.2990

Monochromacy



Original Color

166.2810, -9.5055, 15.5396

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2810, -9.5055, 15.5396 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(184, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 147)  
}
```

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(184, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 147) }
```

Border

The CSS property to change the border of an element to YUV 166.2810, -9.5055, 15.5396 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(184, 161, 147) }
```


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

```
.border{ border-color:rgb(184, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 166.2810, -9.5055, 15.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 147) }
```

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

```
.background{ background-color: rgb(184,  
161, 147) }
```

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