

Converting Colors

YUV(166.3300, 19.5573,
-19.5834)

Have a look what the booklet for
YUV(166.3300, 19.5573, -19.5834)
contains.

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Color

**YUV(166.3300, 19.5573,
-19.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	90AACE
RGB	144, 170, 206
RGB Percent	56%, 67%, 81%
CMY	0.4353, 0.3333, 0.1922
CMYK	0.30, 0.17, 0.00, 0.19
HSL	215°, 39%, 69%
HSV	215°, 30%, 81%
XYZ	37.0169, 39.1350, 63.9953
YIQ	166.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

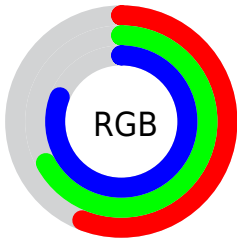
Format	Color
RYB	144, 162, 206
Decimal	9480910
CIELab	68.85, -0.59, -21.24
CIELCh	69, 21.247, 268.409
Yxy	39.1350, 0.2641, 0.2792
Android (android.graphics.Color)	4287670990 (0xFF90ACE)
YUV	166.3300, 19.5573, -19.5834
Hunter-Lab	62.5580, -3.8541, -16.8617

Details

The YUV color $166.3300, 19.5573, -19.5834$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $183.6700, -19.5573, 19.5834$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.6460, 16.9365, -18.9835$, and $114.1020, 18.6837, -19.3835$ is the 20% darker color. If you saturate the color by 10%, you get $153.0070, 26.1255, -26.3161$, and if you desaturate by 10%, it is $179.6530, 12.9891, -12.8507$.

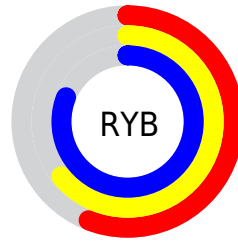
Distribution



Red (56%)

Green (67%)

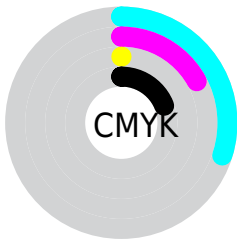
Blue (81%)



Red (56%)

Yellow (64%)

Blue (81%)

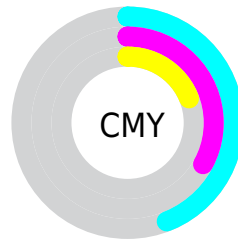


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3300, 19.5573, -19.5834 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 166.3300, 19.5573, -19.5834 by changing the saturation by 10% instead.

■ 166.3300, 19.5573,
-19.5834

■ 166.3300, 19.5573,
-19.5834

255.0000, 0.0000,
0.0000

■ 140.1020, 18.6837,
-19.3835

■ 220.6460, 16.9365,
-18.9835

■ 114.1020, 18.6837,
-19.3835

■ 246.0410, 4.4168,
-16.6990

■ 88.6890, 18.3943,
-19.8983

■ 64.8630, 17.8155,
-20.9279

■ 41.1400, 17.6790,
-23.8018

■ 22.0050, 15.7735,
-19.2984

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 166.3300, 19.5573,
-19.5834

■ 166.3300, 19.5573,
-19.5834

■ 153.0070, 26.1255,
-26.3161

■ 179.6530, 12.9891,
-12.8507

■ 139.9830, 32.5464,
-32.4341

■ 192.6770, 6.5682,
-6.7327

■ 126.6600, 39.1146,
-39.1668

■ 206.0000, 0.0000,
0.0000

■ 113.6360, 45.5355,
-45.2848

■ 219.0240, -6.4208,
6.1180

■ 100.3130, 52.1037,
-52.0175

■ 232.3470,
-12.9891, 12.8507

■ 86.9900, 58.6719,
-58.7502

■ 241.7830,
-17.6410, 11.5913

■ 73.9660, 65.0928,
-64.8682

■ 248.8270,
-21.1137, 5.4137

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



162.0030, 18.7325, -35.0826



166.3300, 19.5573, -19.5834



169.5390, 16.0033, 0.4043

Triad

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



166.3300, 19.5573, -19.5834



170.0920, -9.4124, 32.3683



162.8160, -7.7973, -19.1326

Complementary

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



166.3300, 19.5573, -19.5834



183.6700, -19.5573, 19.5834

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.



164.9770, -15.2717, -1.7338



166.3300, 19.5573, -19.5834



168.9250, -16.2320, 26.3758

Square

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



166.3300, 19.5573, -19.5834



171.0730, -0.5290, 29.7540



167.2780, -18.3781, 14.6652



160.4750, 2.7238, -33.7426

Rectangle

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



166.3300, 19.5573, -19.5834



170.7640, 11.4553, 12.4850



167.2780, -18.3781, 14.6652



163.7520, -10.7237, -13.8145

Sweetspot

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



166.3300, 19.5573, -19.5834



240.4920, 7.1524, -7.4475



184.3840, -2.6543, -35.4168



118.2320, 4.8156, -4.5885



0.0000, 0.0000, 0.0000



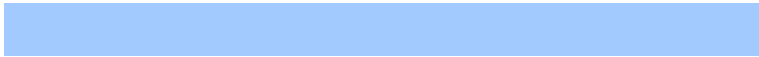
128.0000, 0.0000, 0.0000

Same Dimension

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



166.3300, 19.5573, -19.5834



196.3810, 28.8992, -29.2751



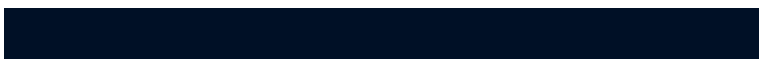
152.2640, 26.4918, -3.7395



95.4880, 3.2104, -3.0590



60.0140, 52.2511, -52.6323



13.7240, 11.9681, -12.0359

Inverse Universe

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



165.5020, 2.2175, 35.5167



194.9540, 3.4737, 52.6603



197.7360, -26.4918, 3.7395



95.4460, 0.2731, 5.7479



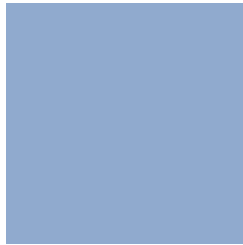
57.6140, 6.1063, 95.0545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 166.3300, 19.5573, -19.5834 looks on a white background.

Color Contrast Check

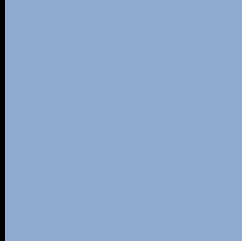
Large Text (above 18pt) WCAG AA × Fail

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 166.3300, 19.5573, -19.5834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

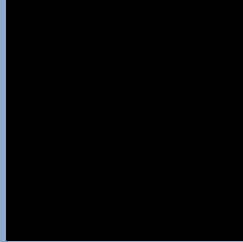
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

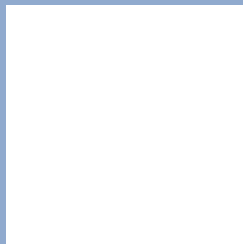
Any Text WCAG AAA ✓ Pass

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

YUV 166.3300, 19.5573, -19.5834 Background



This preview shows how black text looks on a background with the YUV color 166.3300, 19.5573, -19.5834.



This preview shows how white text looks on a background with the YUV color 166.3300, 19.5573, -19.5834.

-19.5834.

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

166.3300, 19.5573, -19.5834

Protanopia

168.1250, 17.1934, -8.0026

Deuteranopia

168.9020, 18.7823, -4.2991



Tritanopia

164.7290, 10.9796, -21.6873

Trichromacy



Original Color

166.3300, 19.5573, -19.5834

Protanomaly

167.3310, 18.0778, -11.6913

Deuteranomaly

167.9830, 19.2354, -9.6321

Tritanomaly

165.2390, 14.1792, -21.2576

Monochromacy



Original Color

166.3300, 19.5573, -19.5834

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3300, 19.5573, -19.5834 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(144, 170, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 170, 206)  
}
```

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(144, 170, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 170, 206) }
```

Border

The CSS property to change the border of an element to YUV 166.3300, 19.5573, -19.5834 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(144, 170, 206) }
```


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

```
.border{ border-color:rgb(144, 170, 206) }
```

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

Here you see how a box with a 4 pixel rgb(144, 170, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 170, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 170, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 170,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 166.3300, 19.5573, -19.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 170, 206) }
```

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

```
.background{ background-color: rgb(144,  
170, 206) }
```

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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