

Converting Colors

YUV(169.9910, 27.1194,
-18.4091)

Have a look what the booklet for
YUV(169.9910, 27.1194, -18.4091)
contains.

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Color

**YUV(169.9910, 27.1194,
-18.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	95AAE1
RGB	149, 170, 225
RGB Percent	58%, 67%, 88%
CMY	0.4157, 0.3333, 0.1176
CMYK	0.34, 0.24, 0.00, 0.12
HSL	223°, 56%, 73%
HSV	223°, 34%, 88%
XYZ	40.3598, 40.5753, 76.9388
YIQ	169.9910, -30.1710, 12.6530

Conversions

Conversions Part 2

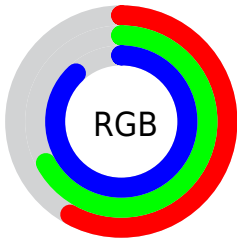
Format	Color
R _Y B	149, 165, 225
Decimal	9808609
CIE Lab	69.88, 5.65, -30.07
CIE LCh	70, 30.601, 280.647
Yxy	40.5753, 0.2556, 0.2570
Android (android.graphics.Color)	4287998689 (0xFF95AAE1)
YUV	169.9910, 27.1194, -18.4091
Hunter-Lab	63.6987, 1.6256, -27.0246

Details

The YUV color $169.9910, 27.1194, -18.4091$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $204.0090, -27.1194, 18.4091$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.4400, 16.0521, -15.2949$, and $117.3500, 25.9565, -18.7239$ is the 20% darker color. If you saturate the color by 10%, you get $154.0210, 34.9926, -23.6974$, and if you desaturate by 10%, it is $186.2600, 19.0988, -12.5060$.

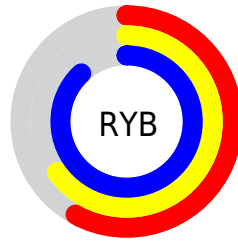
Distribution



Red (58%)

Green (67%)

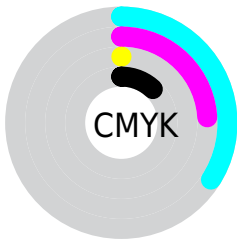
Blue (88%)



Red (58%)

Yellow (65%)

Blue (88%)

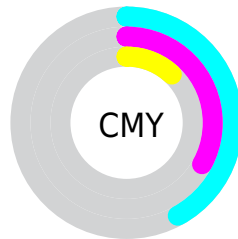


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9910, 27.1194, -18.4091 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 169.9910, 27.1194, -18.4091 by changing the saturation by 10% instead.

■ 169.9910, 27.1194,
-18.4091

■ 169.9910, 27.1194,
-18.4091

255.0000, 0.0000,
0.0000

■ 143.4640, 26.3932,
-18.8239

■ 222.4400, 16.0521,
-15.2949

■ 117.3500, 25.9565,
-18.7239

■ 248.1340, 3.3849,
-12.3955

■ 92.1110, 25.0883,
-20.2683

■ 67.2850, 24.5095,
-21.2979

■ 41.9530, 24.6732,
-27.1458

■ 24.1880, 21.5993,
-21.2129

■ 5.2440, 20.0927,

-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 169.9910, 27.1194,
-18.4091

■ 169.9910, 27.1194,
-18.4091

■ 154.0210, 34.9926,
-23.6974

■ 186.2600, 19.0988,
-12.5060

■ 137.1650, 43.3027,
-29.0857

■ 202.8170, 10.9362,
-7.7325

■ 121.1950, 51.1759,
-34.3740

■ 219.0860, 2.9156,
-1.8294

■ 104.9260, 59.1965,
-40.2771

■ 235.0560, -4.9576,
3.4589

■ 88.9560, 67.0697,
-45.5654

■ 249.2320,
-11.9464, 5.0585

■ 72.1000, 75.3797,
-50.9537

■ 251.5800,
-13.1039, 2.9993

■ 62.0440, 80.3373,
-54.4126

Harmonies

Analogous

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



162.6730, 29.2482, -47.9482



169.9910, 27.1194, -18.4091



174.1150, 19.1703, 11.3001

Triad

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



169.9910, 27.1194, -18.4091



172.2800, -17.8860, 43.6044



160.7920, -4.8275, -38.4056

Complementary

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



169.9910, 27.1194, -18.4091



204.0090, -27.1194, 18.4091

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.



164.8030, -18.1439, -13.8592



169.9910, 27.1194, -18.4091



170.8410, -25.5576, 30.8344

Square

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



169.9910, 27.1194, -18.4091



174.0920, -5.9614, 45.5233



168.0080, -25.6399, 10.5170



156.3130, 11.6777, -59.0335

Rectangle

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



169.9910, 27.1194, -18.4091



174.8630, 11.4065, 28.1841



168.0080, -25.6399, 10.5170



161.9950, -9.3645, -29.8136

Sweetspot

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



169.9910, 27.1194, -18.4091



236.9590, 8.8942, -6.1030



199.7680, 1.5934, -44.5235



116.1720, 5.8312, -3.6588



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.



169.9910, 27.1194, -18.4091



178.9930, 37.4715, -25.4269



162.4480, 30.8381, 2.2381



104.0150, 3.9366, -2.6442



48.8270, 62.6963, -42.8213



13.1030, 17.2042, -11.4913

Inverse Universe

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



174.1180, -2.0302, 44.6235



184.7010, -2.8106, 61.6522



211.5520, -30.8381, -2.2381



104.6310, -0.3111, 6.4626



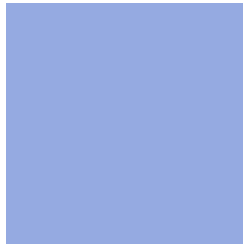
58.2100, -4.5405, 103.3018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 169.9910, 27.1194, -18.4091 looks on a white background.

Color Contrast Check

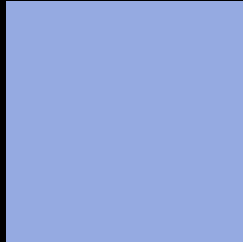
Large Text (above 18pt) WCAG AA × Fail

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 169.9910, 27.1194, -18.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

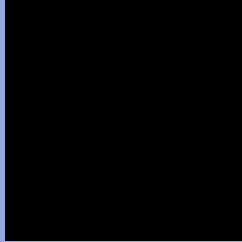
Any Text WCAG AA ✓ Pass

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 169.9910, 27.1194, -18.4091 Background



This preview shows how black text looks on a background with the YUV color 169.9910, 27.1194, -18.4091.



This preview shows how white text looks on a background with the YUV color 169.9910, 27.1194, -18.4091.

-18.4091.

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

169.9910, 27.1194, -18.4091

Protanopia

170.4970, 26.3770, -13.5909

Deuteranopia

171.2090, 26.5190, -12.4613



Tritanopia

167.1310, 11.2744, -22.9169

Trichromacy



Original Color

169.9910, 27.1194, -18.4091

Protanomaly

170.4860, 26.3824, -15.3352

Deuteranomaly

170.8990, 26.6718, -14.8204

Tritanomaly

168.3360, 17.0894, -21.3427

Monochromacy



Original Color

169.9910, 27.1194, -18.4091

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9910, 27.1194, -18.4091 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(149, 170, 225)` looks like.

```
.text, #text, p{  
    color:rgb(149, 170, 225)  
}
```

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(149, 170, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 170, 225) }
```

Border

The CSS property to change the border of an element to YUV 169.9910, 27.1194, -18.4091 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(149, 170, 225) }
```


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

```
.border{ border-color:rgb(149, 170, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 170, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 170, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 170, 225);  
box-shadow:4px 4px 4px 4px rgb(149, 170,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 169.9910, 27.1194, -18.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 170, 225) }
```

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

```
.background{ background-color: rgb(149,  
170, 225) }
```

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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