

Converting Colors

YUV(180.5630, 19.4424,
-29.4348)

Have a look what the booklet for
YUV(180.5630, 19.4424, -29.4348)
contains.

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Color

**YUV(180.5630, 19.4424,
-29.4348)**

Conversions

Conversions Part 1

Format	Color
Hex	93BEDC
RGB	147, 190, 220
RGB Percent	58%, 75%, 86%
CMY	0.4235, 0.2549, 0.1373
CMYK	0.33, 0.14, 0.00, 0.14
HSL	205°, 51%, 72%
HSV	205°, 33%, 86%
XYZ	43.3643, 48.1973, 74.7276
YIQ	180.5630, -35.2580, 0.2140

Conversions

Conversions Part 2

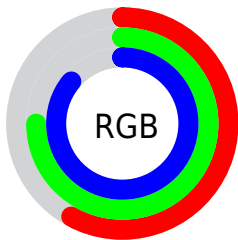
Format	Color
R_{YB}	147, 174, 220
Decimal	9682652
CIE _{Lab}	74.95, -7.10, -19.61
CIE _{LCh}	75, 20.854, 250.082
Yxy	48.1973, 0.2608, 0.2898
Android (android.graphics.Color)	4287872732 (0xFF93BEDC)
YUV	180.5630, 19.4424, -29.4348
Hunter-Lab	69.4242, -9.9963, -15.2222

Details

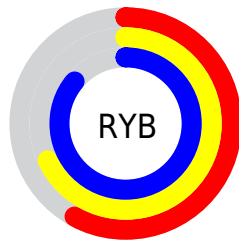
The YUV color **180.5630, 19.4424, -29.4348** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **186.4370, -19.4424, 29.4348**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1690, 10.2697, -27.3352**, and **127.3350, 18.5688, -29.2348** is the 20% darker color. If you saturate the color by 10%, you get **168.7020, 25.2899, -38.3267**, and if you desaturate by 10%, it is **192.4240, 13.5950, -20.5428**.

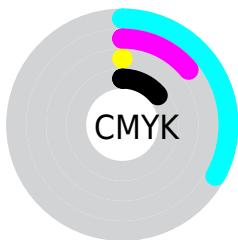
Distribution



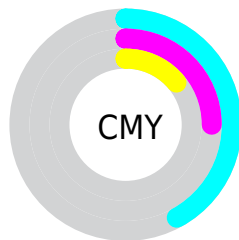
- Red (58%)
- Green (75%)
- Blue (86%)



- Red (58%)
- Yellow (68%)
- Blue (86%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.5630, 19.4424, -29.4348 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 180.5630, 19.4424, -29.4348 by changing the saturation by 10% instead.

■ 180.5630, 19.4424,
-29.4348

■ 180.5630, 19.4424,
-29.4348

255.0000, 0.0000,
0.0000

■ 153.4490, 19.0056,
-29.3348

■ 234.1690, 10.2697,
-27.3352

■ 127.3350, 18.5688,
-29.2348

■ 247.8240, 3.5378,
-14.7546

■ 101.3350, 18.5688,
-29.2348

■ 76.2100, 18.1375,
-30.8792

■ 49.9920, 18.7379,
-36.8270

■ 32.0640, 16.2374,
-28.1201

■ 17.8160, 12.4157,

-15.6246

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 180.5630, 19.4424,
-29.4348

■ 180.5630, 19.4424,
-29.4348

■ 168.7020, 25.2899,
-38.3267

■ 192.4240, 13.5950,
-20.5428

■ 156.8410, 31.1374,
-47.2186

■ 204.2850, 7.7475,
-11.6509

■ 144.9800, 36.9849,
-56.1105

■ 216.1460, 1.9000,
-2.7590

■ 133.1190, 42.8323,
-65.0024

■ 228.0070, -3.9475,
6.1329

■ 121.2580, 48.6798,
-73.8943

■ 239.2700, -9.5001,
13.7952

■ 109.3970, 54.5273,
-82.7862

■ 244.5530,
-12.1046, 9.1620

■ 101.3900, 58.4747,
-88.9190

■ 249.8360,
-14.7091, 4.5288

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



177.3570, 15.1070, -38.9011



180.5630, 19.4424, -29.4348



184.4450, 18.5146, -11.7913

Triad

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



180.5630, 19.4424, -29.4348



187.7590, -4.3182, 31.7834



180.9160, -12.7766, -8.6963

Complementary

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



180.5630, 19.4424, -29.4348



186.4370, -19.4424, 29.4348

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.



183.0600, -17.7776, 8.7174



180.5630, 19.4424, -29.4348



186.2830, -12.4645, 31.3238

Square

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



180.5630, 19.4424, -29.4348



187.8210, 5.0182, 23.8360



185.1480, -17.8210, 22.6722



178.2220, -3.5604, -24.7507

Rectangle

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



180.5630, 19.4424, -29.4348



186.7240, 15.4191, 1.1191



185.1480, -17.8210, 22.6722



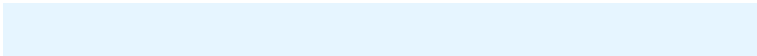
181.3790, -14.9768, -2.9634

Sweetspot

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



180.5630, 19.4424, -29.4348



241.6550, 6.5791, -10.2214



193.1570, -8.4584, -40.4797



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



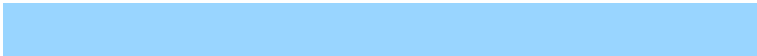
128.0000, 0.0000, 0.0000

Same Dimension

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



180.5630, 19.4424, -29.4348



199.8480, 27.1899, -41.0857



159.4310, 29.8605, -10.9020



103.7760, 3.0684, -4.1886



79.5960, 46.0482, -69.8057



21.0930, 12.2792, -18.4986

Inverse Universe

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



173.7290, 8.0216, 40.5797



190.3380, 11.1724, 56.7086



207.5690, -29.8605, 10.9020



102.9730, 0.9993, 6.1627



63.3550, 19.0520, 96.1587



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 180.5630, 19.4424, -29.4348 looks on a white background.

Color Contrast Check

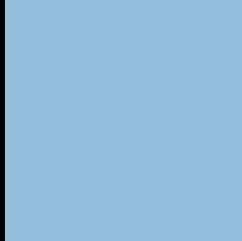
Large Text (above 18pt) WCAG AA × Fail

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 180.5630, 19.4424, -29.4348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

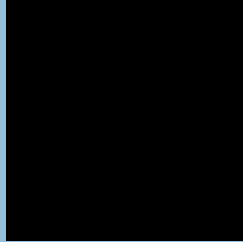
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.5630, 19.4424, -29.4348

Background



This preview shows how black text looks on a background with the YUV color 180.5630, 19.4424, -29.4348.



This preview shows how white text looks on a background with the YUV color 180.5630, 19.4424, -29.4348.

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

180.5630, 19.4424, -29.4348

Protanopia

184.5660, 15.0040, -5.7584

Deuteranopia

185.6850, 17.9033, -2.3547



Tritanopia

179.4720, 14.0643, -31.1089

Trichromacy



Original Color

180.5630, 19.4424, -29.4348

Protanomaly

183.2660, 16.6309, -14.2653

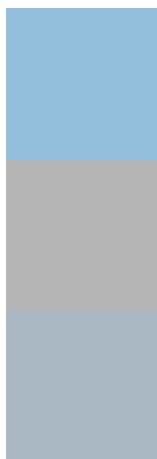
Deuteranomaly

184.0320, 18.2252, -12.3061

Tritanomaly

179.6400, 15.9535, -30.3793

Monochromacy



Original Color

180.5630, 19.4424, -29.4348

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.5630, 19.4424, -29.4348 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(147, 190, 220)` looks like.

```
.text, #text, p{  
    color:rgb(147, 190, 220)  
}
```

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(147, 190, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 190, 220) }
```

Border

The CSS property to change the border of an element to YUV 180.5630, 19.4424, -29.4348 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(147, 190, 220) }
```


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

```
.border{ border-color:rgb(147, 190, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 190, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 190, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 190, 220);  
box-shadow:4px 4px 4px 4px rgb(147, 190,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 180.5630, 19.4424, -29.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 190, 220) }
```

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

```
.background{ background-color: rgb(147,  
190, 220) }
```

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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