

Converting Colors

YUV(143.2160, 19.1205,
-19.4834)

Have a look what the booklet for
YUV(143.2160, 19.1205, -19.4834)
contains.

YUV(143.2160, 19.1205, -19.4834)	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(143.2160, 19.1205,
-19.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	7993B6
RGB	121, 147, 182
RGB Percent	47%, 58%, 71%
CMY	0.5255, 0.4235, 0.2863
CMYK	0.34, 0.19, 0.00, 0.29
HSL	214°, 29%, 59%
HSV	214°, 34%, 71%
XYZ	26.7624, 28.3098, 48.3098
YIQ	143.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

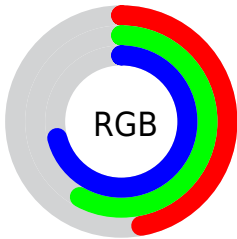
Format	Color
R_{YB}	121, 139, 182
Decimal	7967670
CIE _{Lab}	60.17, -0.59, -21.22
CIE _{LCh}	60, 21.226, 268.403
Yxy	28.3098, 0.2589, 0.2738
Android (android.graphics.Color)	4286157750 (0xFF7993B6)
YUV	143.2160, 19.1205, -19.4834
Hunter-Lab	53.2069, -3.3290, -16.5881

Details

The YUV color $143.2160, 19.1205, -19.4834$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $159.7840, -19.1205, 19.4834$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.4440, 19.9941, -19.6834$, and $92.5750, 17.9575, -19.7983$ is the 20% darker color. If you saturate the color by 10%, you get $131.9640, 24.6677, -25.4014$, and if you desaturate by 10%, it is $154.4680, 13.5733, -13.5654$.

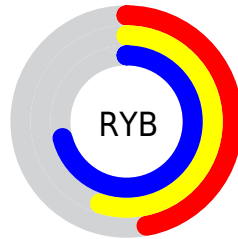
Distribution



Red (47%)

Green (58%)

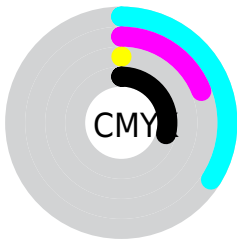
Blue (71%)



Red (47%)

Yellow (55%)

Blue (71%)

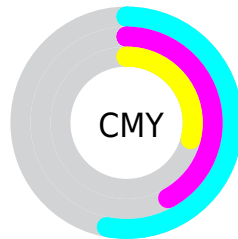


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.2160, 19.1205, -19.4834 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 143.2160, 19.1205, -19.4834 by changing the saturation by 10% instead.

■ 143.2160, 19.1205,
-19.4834

■ 143.2160, 19.1205,
-19.4834

255.0000, 0.0000,
0.0000

■ 117.1020, 18.6837,
-19.3835

■ 197.4440, 19.9941,
-19.6834

■ 92.5750, 17.9575,
-19.7983

■ 224.1900, 15.1893,
-18.5836

■ 68.1620, 17.6681,
-20.3131

■ 247.8240, 3.5378,
-14.7546

■ 44.4390, 17.5316,
-23.1870

■ 24.1080, 16.2158,
-21.1427

■ 5.7510, 14.4198,
-5.0436

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 143.2160, 19.1205,
-19.4834

■ 143.2160, 19.1205,
-19.4834

■ 131.9640, 24.6677,
-25.4014

■ 154.4680, 13.5733,
-13.5654

■ 120.1250, 30.5044,
-30.8046

■ 166.3070, 7.7366,
-8.1622

■ 108.5740, 36.1990,
-37.3374

■ 177.8580, 2.0420,
-1.6295

■ 96.7350, 42.0356,
-42.7406

■ 189.6970, -3.7946,
3.7737

■ 85.4830, 47.5829,
-48.6586

■ 200.9490, -9.3419,
9.6917

■ 73.6440, 53.4195,
-54.0618

■ 212.7880,
-15.1785, 15.0949

■ 66.5340, 56.9247,
-58.3503

■ 224.0400,
-20.7257, 21.0129

■ 232.5900,
-24.9409, 19.6536

■ 238.4600,
-27.8348, 14.5056

Harmonies

Analogous

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



138.8890, 18.2957, -34.9827



143.2160, 19.1205, -19.4834



147.0120, 15.2771, -0.0105

Triad

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



143.2160, 19.1205, -19.4834



147.3800, -9.5543, 31.2387



139.9300, -7.3605, -19.2326

Complementary

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



143.2160, 19.1205, -19.4834



159.7840, -19.1205, 19.4834

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.



142.0910, -14.8349, -1.8338



143.2160, 19.1205, -19.4834



145.7400, -15.6478, 25.6610

Square

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



143.2160, 19.1205, -19.4834



148.3610, -0.6710, 28.6244



144.0930, -17.7938, 13.9504



137.7740, 2.5764, -33.1278

Rectangle

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



143.2160, 19.1205, -19.4834



147.6500, 11.0186, 12.5850



144.0930, -17.7938, 13.9504



140.5780, -10.1450, -12.7849

Sweetspot

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



143.2160, 19.1205, -19.4834



222.1930, 7.2999, -8.0623



160.7970, -2.3649, -34.9020



110.8190, 4.5262, -5.1033



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.



143.2160, 19.1205, -19.4834



176.8970, 29.6308, -30.6047



129.1500, 26.0550, -3.6396



86.3740, 2.7736, -2.9590



56.5260, 49.0407, -49.5733



10.2360, 8.7577, -8.9770

Inverse Universe

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



142.2030, 2.3649, 34.9020



175.0790, 3.9051, 54.3047



173.8500, -26.0550, 3.6396



86.1470, 0.4205, 5.1331



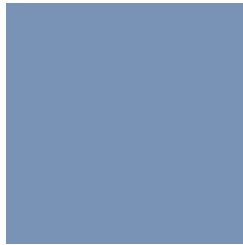
54.1680, 5.8332, 89.3067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 143.2160, 19.1205, -19.4834 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 143.2160, 19.1205, -19.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

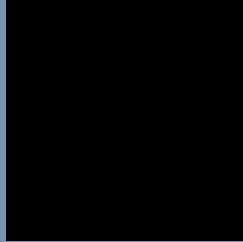
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

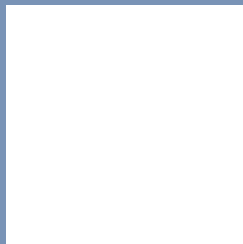
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.2160, 19.1205, -19.4834

Background



This preview shows how black text looks on a background with the YUV color 143.2160, 19.1205, -19.4834.



This preview shows how white text looks on a background with the YUV color 143.2160, 19.1205, -19.4834.

-19.4834.

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

143.2160, 19.1205, -19.4834

Protanopia

145.0110, 16.7566, -7.9026

Deuteranopia

145.7770, 18.3509, -5.9434



Tritanopia

141.2020, 10.2534, -22.1022

Trichromacy



Original Color

143.2160, 19.1205, -19.4834

Protanomaly

144.2170, 17.6410, -11.5913

Deuteranomaly

144.8580, 18.8040, -11.2765

Tritanomaly

142.0110, 13.3056, -21.0576

Monochromacy



Original Color

143.2160, 19.1205, -19.4834

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.2160, 19.1205, -19.4834 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(121, 147, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 182)  
}
```

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(121, 147, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 182) }
```

Border

The CSS property to change the border of an element to YUV 143.2160, 19.1205, -19.4834 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(121, 147, 182) }
```


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

```
.border{ border-color:rgb(121, 147, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 147, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 147, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 147, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 147,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 143.2160, 19.1205, -19.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 182) }
```

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

```
.background{ background-color: rgb(121,  
147, 182) }
```

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