

Converting Colors

YUV(107.0670, 31.5190,
-76.3578)

Have a look what the booklet for
YUV(107.0670, 31.5190, -76.3578)
contains.

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Color

**YUV(107.0670, 31.5190,
-76.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	148BAB
RGB	20, 139, 171
RGB Percent	8%, 55%, 67%
CMY	0.9216, 0.4549, 0.3294
CMYK	0.88, 0.19, 0.00, 0.33
HSL	193°, 79%, 37%
HSV	193°, 88%, 67%
XYZ	16.8718, 21.5542, 41.7992
YIQ	107.0670, -81.1960, -15.2760

Conversions

Conversions Part 2

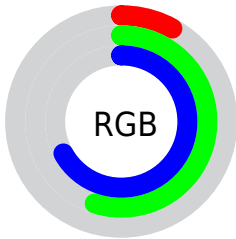
Format	Color
R_{YB}	20, 87, 171
Decimal	1346475
CIE _{Lab}	53.55, -18.78, -25.44
CIE _{LCh}	54, 31.624, 233.559
Yxy	21.5542, 0.2103, 0.2687
Android (android.graphics.Color)	4279536555 (0xFF148BAB)
YUV	107.0670, 31.5190, -76.3578
Hunter-Lab	46.4265, -16.3780, -20.8820

Details

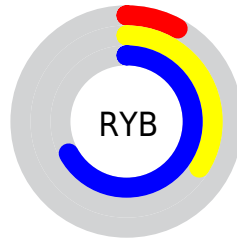
The YUV color **107.0670, 31.5190, -76.3578** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **83.9330, -31.5190, 76.3578**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7590, 28.7128, -62.9326**, and **65.8090, 26.2232, -57.7145** is the 20% darker color. If you saturate the color by 10%, you get **99.6360, 35.1825, -84.7498**, and if you desaturate by 10%, it is **114.4980, 27.8555, -67.9657**.

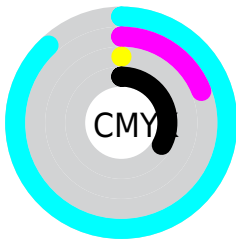
Distribution



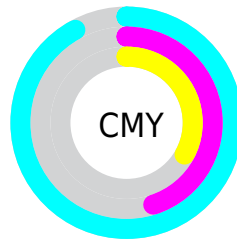
- Red (8%)
- Green (55%)
- Blue (67%)



- Red (8%)
- Yellow (34%)
- Blue (67%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0670, 31.5190, -76.3578 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 107.0670, 31.5190, -76.3578 by changing the saturation by 10% instead.

■ 107.0670, 31.5190,
-76.3578

■ 107.0670, 31.5190,
-76.3578

■ 255.0000, 0.0000,
0.0000

■ 82.7470, 30.1977,
-72.5691

■ 167.7590, 28.7128,
-62.9326

■ 65.8090, 26.2232,
-57.7145

■ 196.7700, 28.7074,
-61.1883

■ 48.8710, 22.2486,
-42.8599

■ 221.8770, 16.3296,
-57.7741

■ 33.2210, 18.1320,
-29.1348

■ 234.3690, 10.1711,
-42.4196

■ 18.8590, 13.8735,
-16.5393

■ 243.3390, 5.7489,
-23.9763

■ 3.5510, 11.0674,
-3.1142

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 107.0670, 31.5190,
-76.3578

■ 107.0670, 31.5190,
-76.3578

■ 99.6360, 35.1825,
-84.7498

■ 114.4980, 27.8555,
-67.9657

■ 98.7390, 35.6247,
-86.5941

■ 121.3420, 24.4814,
-59.0589

■ 128.7730, 20.8179,
-50.6669

■ 135.6170, 17.4438,
-41.7601

■ 143.0480, 13.7803,
-33.3681

■ 150.7780, 9.9694,
-24.3613

■ 157.6220, 6.5954,
-15.4545

■ 165.0530, 2.9319,
-7.0625

■ 172.4840, -0.7316,
1.3295

Harmonies

Analogous

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



100.3400, 23.9894, -87.9982



107.0670, 31.5190, -76.3578



121.2550, 29.9473, -38.8116

Triad

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



107.0670, 31.5190, -76.3578



130.8230, 2.0593, 39.6202



123.9250, -23.1340, 0.0658

Complementary

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



107.0670, 31.5190, -76.3578



83.9330, -31.5190, 76.3578

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.



126.2590, -26.2567, 21.6979



107.0670, 31.5190, -76.3578



129.8270, -10.7607, 44.8787

Square

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



107.0670, 31.5190, -76.3578



131.6280, 14.4804, 22.2512



128.3240, -21.3587, 37.4269



119.9310, -12.2910, -24.4955

Rectangle

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



107.0670, 31.5190, -76.3578



126.8880, 26.6772, -16.5648



128.3240, -21.3587, 37.4269



124.5130, -24.9029, 7.4431

Sweetspot

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



107.0670, 31.5190, -76.3578



197.6140, 12.0223, -29.4795



112.0570, -30.5941, -80.7340



97.4260, 7.1850, -17.9136



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.0670, 31.5190, -76.3578



128.0330, 46.3257, -112.2849



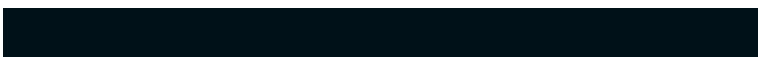
63.6290, 52.9339, -38.2626



83.1350, 1.9054, -4.5034



86.9530, 31.0822, -76.2578



13.1880, 4.8373, -11.5659

Inverse Universe

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



78.7150, 29.7205, 80.9339



86.3280, 43.7153, 118.9843



127.3710, -52.9339, 38.2626



81.4890, 1.7309, 4.8331



58.4160, 29.8679, 80.3192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 107.0670, 31.5190, -76.3578 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 107.0670, 31.5190, -76.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

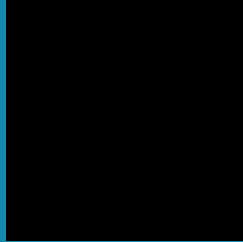
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.0670, 31.5190, -76.3578

Background



This preview shows how black text looks on a background with the YUV color 107.0670, 31.5190, -76.3578.

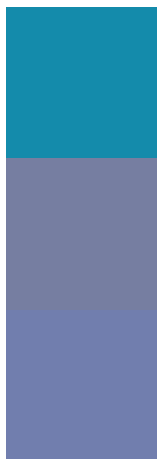


This preview shows how white text looks on a background with the YUV color 107.0670, 31.5190, -76.3578.

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

107.0670, 31.5190, -76.3578

Protanopia

127.5980, 16.4672, -8.4174

Deuteranopia

127.5850, 22.8826, -12.7910



Tritanopia

100.2090, 26.0260, -87.8833

Trichromacy



Original Color

107.0670, 31.5190, -76.3578

Protanomaly

120.2250, 22.0741, -33.5233

Deuteranomaly

120.2400, 26.0107, -36.1675

Tritanomaly

102.5130, 28.3411, -83.7649

Monochromacy



Original Color

107.0670, 31.5190, -76.3578

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0980, 11.2907, -28.1499

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0670, 31.5190, -76.3578 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(20, 139, 171)` looks like.

```
.text, #text, p{  
    color:rgb(20, 139, 171)  
}
```

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(20, 139, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 139, 171) }
```

Border

The CSS property to change the border of an element to YUV 107.0670, 31.5190, -76.3578 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(20, 139, 171) }
```


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

```
.border{ border-color:rgb(20, 139, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 139, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 139, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 139, 171);  
box-shadow:4px 4px 4px 4px rgb(20, 139,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 107.0670, 31.5190, -76.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 139, 171) }
```

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

```
.background{ background-color: rgb(20, 139,  
171) }
```

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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