

Converting Colors

YUV(99.4220, 26.4140,
-72.2841)

Have a look what the booklet for
YUV(99.4220, 26.4140, -72.2841)
contains.

YUV(99.4220, 26.4140, -72.2841)	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(99.4220, 26.4140,
-72.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	118399
RGB	17, 131, 153
RGB Percent	7%, 51%, 60%
CMY	0.9333, 0.4863, 0.4000
CMYK	0.89, 0.14, 0.00, 0.40
HSL	190°, 80%, 33%
HSV	190°, 89%, 60%
XYZ	14.0972, 18.6517, 32.9941
YIQ	99.4220, -75.0060, -17.3260

Conversions

Conversions Part 2

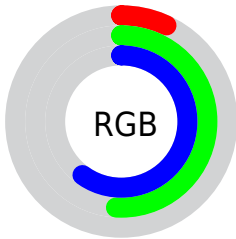
Format	Color
R_YB	17, 79, 153
Decimal	1147801
CIE _{Lab}	50.28, -21.01, -20.06
CIE _{LCh}	50, 29.051, 223.682
Yxy	18.6517, 0.2144, 0.2837
Android (android.graphics.Color)	4279337881 (0xFF118399)
YUV	99.4220, 26.4140, -72.2841
Hunter-Lab	43.1876, -17.3125, -15.0646

Details

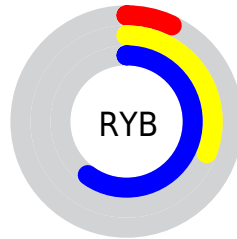
The YUV color **99.4220, 26.4140, -72.2841** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **70.5780, -26.4140, 72.2841**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8150, 23.7552, -59.4738**, and **59.1750, 21.1127, -51.8965** is the 20% darker color. If you saturate the color by 10%, you get **93.7630, 29.2038, -80.4762**, and if you desaturate by 10%, it is **105.0810, 23.6241, -64.0920**.

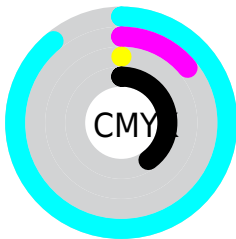
Distribution



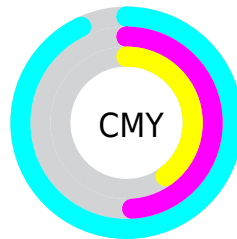
- Red (7%)
- Green (51%)
- Blue (60%)



- Red (7%)
- Yellow (31%)
- Blue (60%)



- Cyan (89%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4220, 26.4140, -72.2841 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 99.4220, 26.4140, -72.2841 by changing the saturation by 10% instead.

■ 99.4220, 26.4140,
-72.2841

■ 99.4220, 26.4140,
-72.2841

■ 255.0000, 0.0000,
0.0000

■ 76.7000, 24.7979,
-67.2659

■ 158.8150, 23.7552,
-59.4738

■ 59.1750, 21.1127,
-51.8965

■ 187.5270, 23.8972,
-58.3442

■ 42.9380, 17.2856,
-37.6566

■ 214.8000, 19.8186,
-56.8296

■ 27.4020, 13.6058,
-24.0316

■ 232.2760, 11.2029,
-46.7231

■ 6.2240, 13.6936,
-5.4584

■ 241.2460, 6.7807,
-28.2797

■ 0.9120, 3.4944,
-0.7998

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 99.4220, 26.4140,
-72.2841

■ 99.4220, 26.4140,
-72.2841

■ 93.7630, 29.2038,
-80.4762

■ 105.0810, 23.6241,
-64.0920

■ 92.5780, 29.7880,
-81.1909

■ 111.6260, 20.3974,
-55.8000

■ 117.2850, 17.6075,
-47.6079

■ 123.5310, 14.5282,
-39.9307

■ 129.1900, 11.7383,
-31.7386

■ 135.7350, 8.5116,
-23.4466

■ 141.3940, 5.7218,
-15.2545

■ 147.6400, 2.6425,
-7.5773

■ 153.5980, -0.2948,
1.2296

Harmonies

Analogous

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



101.8610, 13.8725, -63.0221



99.4220, 26.4140, -72.2841



110.9400, 27.6376, -44.6744

Triad

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



99.4220, 26.4140, -72.2841



122.6910, 5.5753, 31.8430



117.0830, -22.7189, 6.9432

Complementary

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



99.4220, 26.4140, -72.2841



70.5780, -26.4140, 72.2841

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.



118.7910, -23.0680, 25.6163



99.4220, 26.4140, -72.2841



121.9450, -6.3819, 40.3902

Square

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



99.4220, 26.4140, -72.2841



122.7300, 16.4021, 12.5148



120.2900, -16.4120, 37.4567



113.6010, -15.0863, -14.5591

Rectangle

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



99.4220, 26.4140, -72.2841



116.9040, 25.6833, -24.4718



120.2900, -16.4120, 37.4567



117.6000, -23.4668, 13.5058

Sweetspot

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



99.4220, 26.4140, -72.2841



177.5710, 10.5645, -28.5648



99.1120, -30.6212, -72.0122



86.7960, 6.0166, -16.4841



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



99.4220, 26.4140, -72.2841



120.7150, 38.5945, -105.8671



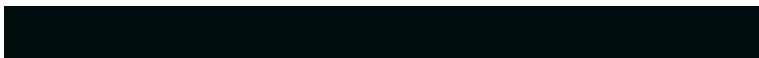
60.6800, 45.5138, -38.3074



73.4340, 1.7580, -3.8886



85.2260, 27.0036, -74.7432



7.9390, 2.4951, -6.9625

Inverse Universe

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



70.6600, 29.7476, 72.2122



78.5390, 43.6113, 105.6443



109.3200, -45.5138, 38.3074



72.0760, 1.4415, 4.3183



55.3120, 30.9052, 74.2714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 99.4220, 26.4140, -72.2841 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 99.4220, 26.4140, -72.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

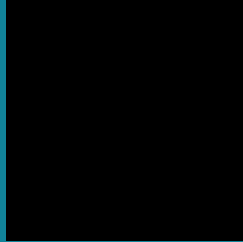
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.4220, 26.4140, -72.2841

Background



This preview shows how black text looks on a background with the YUV color 99.4220, 26.4140, -72.2841.

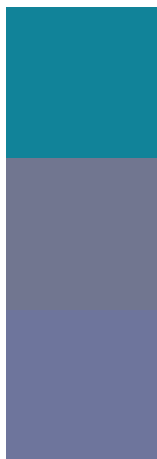


This preview shows how white text looks on a background with the YUV color 99.4220, 26.4140,

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

99.4220, 26.4140, -72.2841

Protanopia

119.4690, 12.0938, -5.6733

Deuteranopia

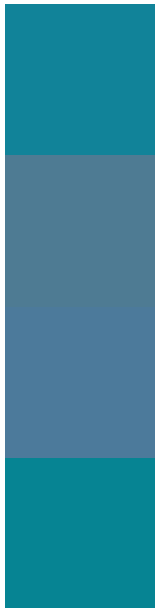
119.3530, 18.0670, -8.2026



Tritanopia

93.7860, 24.2625, -82.2503

Trichromacy



Original Color

99.4220, 26.4140, -72.2841

Protanomaly

112.2810, 17.1165, -30.0644

Deuteranomaly

112.0080, 21.1951, -31.5790

Tritanomaly

96.0360, 25.1253, -78.9616

Monochromacy



Original Color

99.4220, 26.4140, -72.2841

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3540, 9.6855, -26.6205

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4220, 26.4140, -72.2841 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(17, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(17, 131, 153)  
}
```

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(17, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 131, 153) }
```

Border

The CSS property to change the border of an element to YUV 99.4220, 26.4140, -72.2841 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(17, 131, 153) }
```


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

```
.border{ border-color:rgb(17, 131, 153) }
```

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

Here you see how a box with a 4 pixel rgb(17, 131, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(17, 131,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 99.4220, 26.4140, -72.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 131, 153) }
```

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

```
.background{ background-color: rgb(17, 131,  
153) }
```

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