

Converting Colors

YUV(106.2390, 33.8992,
-93.1716)

Have a look what the booklet for
YUV(106.2390, 33.8992, -93.1716)
contains.

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Color

**YUV(106.2390, 33.8992,
-93.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	0093AF
RGB	0, 147, 175
RGB Percent	0%, 58%, 69%
CMY	1.0000, 0.4235, 0.3137
CMYK	1.00, 0.16, 0.00, 0.31
HSL	190°, 100%, 34%
HSV	190°, 100%, 69%
XYZ	18.1716, 23.9626, 44.2249
YIQ	106.2390, -96.6000, -22.4560

Conversions

Conversions Part 2

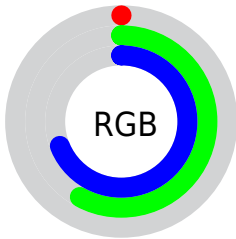
Format	Color
RYB	0, 80, 175
Decimal	37807
CIELab	56.05, -22.52, -23.89
CIELCh	56, 32.832, 226.691
Yxy	23.9626, 0.2104, 0.2775
Android (android.graphics.Color)	4278227887 (0xFF0093AF)
YUV	106.2390, 33.8992, -93.1716
Hunter-Lab	48.9516, -19.4033, -19.2990

Details

The YUV color **106.2390, 33.8992, -93.1716** is a dark color, and the websafe version is hex **0099CC**, and the color name is **blue (munsell)**. A complement of this color would be **68.7610, -33.8992, 93.1716**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1280, 29.0239, -69.3953**, and **70.2600, 25.5078, -61.6180** is the 20% darker color. If you saturate the color by 10%, you get **106.2390, 33.8992, -93.1716**, and if you desaturate by 10%, it is **113.0830, 30.5251, -84.2648**.

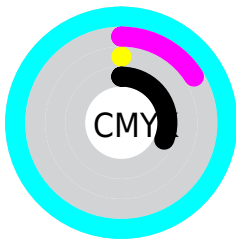
Distribution



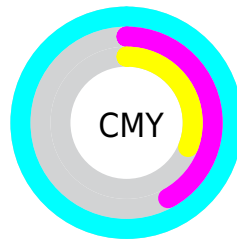
- Red (0%)
- Green (58%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2390, 33.8992, -93.1716 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 106.2390, 33.8992, -93.1716 by changing the saturation by 10% instead.

■ 106.2390, 33.8992,
-93.1716

■ 106.2390, 33.8992,
-93.1716

■ 255.0000, 0.0000,
0.0000

■ 87.8990, 29.6298,
-77.0874

■ 172.1280, 29.0239,
-69.3953

■ 70.2600, 25.5078,
-61.6180

■ 200.5690, 26.8345,
-67.1510

■ 53.3220, 21.5333,
-46.7634

■ 225.1000, 14.7407,
-61.4777

■ 37.1990, 18.1429,
-32.6235

■ 234.0700, 10.3185,
-43.0344

■ 23.4240, 13.5950,
-20.5428

■ 243.0400, 5.8963,
-24.5911

■ 4.5940, 12.5252,
-4.0289

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 106.2390, 33.8992,
-93.1716

■ 113.0830, 30.5251,
-84.2648

■ 120.2260, 27.0036,
-74.7432

■ 126.7820, 23.7715,
-64.7068

■ 133.6260, 20.3974,
-55.8000

■ 140.7690, 16.8759,
-46.2784

■ 147.6130, 13.5018,
-37.3716

■ 154.4570, 10.1277,
-28.4648

■ 161.0130, 6.8956,
-18.4284

■ 168.1560, 3.3741,
-8.9068

Harmonies

Analogous

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



110.2330, 19.6051, -81.7653



106.2390, 33.8992, -93.1716



124.6450, 31.7270, -49.6777

Triad

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



106.2390, 33.8992, -93.1716



137.6210, 5.1168, 38.9204



130.9750, -25.6237, 5.2839

Complementary

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



106.2390, 33.8992, -93.1716



68.7610, -33.8992, 93.1716

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.



133.1780, -26.7098, 27.0309



106.2390, 33.8992, -93.1716



136.1200, -8.4402, 47.2528

Square

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



106.2390, 33.8992, -93.1716



137.8060, 17.8436, 16.8331



135.2860, -20.3540, 41.8452



127.2260, -16.3804, -19.4922

Rectangle

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



106.2390, 33.8992, -93.1716



131.8160, 29.1777, -25.2716



135.2860, -20.3540, 41.8452



131.9760, -27.1032, 13.1760

Sweetspot

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



106.2390, 33.8992, -93.1716



200.2110, 13.2070, -36.1420



105.6890, -39.2867, -92.6893



98.3330, 8.2168, -22.2170



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



106.2390, 33.8992, -93.1716



137.9950, 43.8795, -121.0216



55.7570, 58.7868, -48.8989



83.1350, 1.9054, -4.5034



91.0620, 29.0564, -79.8614



13.7750, 4.5479, -12.0807

Inverse Universe

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



69.0830, 38.4131, 92.8892



89.6470, 49.9670, 120.4586



119.2430, -58.7868, 48.8989



81.4890, 1.7309, 4.8331



59.2140, 32.9255, 79.6193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 106.2390, 33.8992, -93.1716 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 106.2390, 33.8992, -93.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

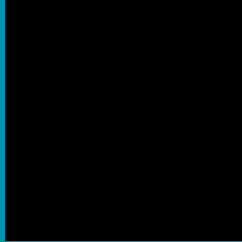
Any Text WCAG AA ✓ Pass

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 106.2390, 33.8992, -93.1716 Background



This preview shows how black text looks on a background with the YUV color 106.2390, 33.8992, -93.1716.

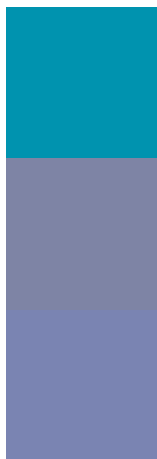


This preview shows how white text looks on a background with the YUV color 106.2390, 33.8992, -93.1716.

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

106.2390, 33.8992, -93.1716

Protanopia

133.9680, 15.2988, -6.9879

Deuteranopia

134.2540, 21.5668, -10.7468



Tritanopia

105.7030, 26.7684, -92.7015

Trichromacy



Original Color

106.2390, 33.8992, -93.1716

Protanomaly

123.6050, 22.3797, -38.2416

Deuteranomaly

123.9190, 26.1689, -40.2710

Tritanomaly

105.6860, 29.2418, -92.6866

Monochromacy



Original Color

106.2390, 33.8992, -93.1716

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9940, 12.3280, -34.1977

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2390, 33.8992, -93.1716 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(0, 147, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 175)  
}
```

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(0, 147, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 175) }
```

Border

The CSS property to change the border of an element to YUV 106.2390, 33.8992, -93.1716 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(0, 147, 175) }
```


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

```
.border{ border-color:rgb(0, 147, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 147, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 106.2390, 33.8992, -93.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 175) }
```

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

```
.background{ background-color: rgb(0, 147,  
175) }
```

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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