

Converting Colors

YUV(97.9140, 37.0174,
-66.5766)

Have a look what the booklet for
YUV(97.9140, 37.0174, -66.5766)
contains.

YUV(97.9140, 37.0174, -66.5766)	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(97.9140, 37.0174,
-66.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	167AAD
RGB	22, 122, 173
RGB Percent	9%, 48%, 68%
CMY	0.9137, 0.5216, 0.3216
CMYK	0.87, 0.29, 0.00, 0.32
HSL	200°, 77%, 38%
HSV	200°, 87%, 68%
XYZ	14.8332, 17.1068, 42.0553
YIQ	97.9140, -75.9710, -5.3390

Conversions

Conversions Part 2

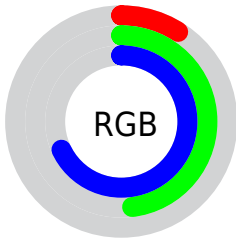
Format	Color
R _Y B	22, 82, 173
Decimal	1473197
CIE Lab	48.39, -8.37, -34.63
CIE LCh	48, 35.624, 256.419
Yxy	17.1068, 0.2005, 0.2312
Android (android.graphics.Color)	4279663277 (0xFF167AAD)
YUV	97.9140, 37.0174, -66.5766
Hunter-Lab	41.3603, -8.3643, -31.3340

Details

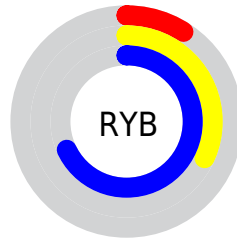
The YUV color **97.9140, 37.0174, -66.5766** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **97.0860, -37.0174, 66.5766**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9480, 35.5216, -53.4514**, and **57.1180, 31.0008, -50.0925** is the 20% darker color. If you saturate the color by 10%, you get **89.3090, 41.2597, -73.9390**, and if you desaturate by 10%, it is **106.5190, 32.7751, -59.2142**.

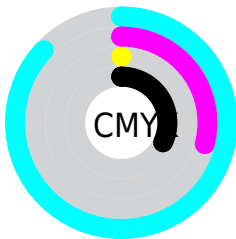
Distribution



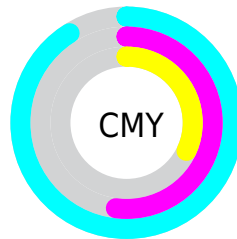
- Red (9%)
- Green (48%)
- Blue (68%)



- Red (9%)
- Yellow (32%)
- Blue (68%)



- Cyan (87%)
- Magenta (29%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9140, 37.0174, -66.5766 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 97.9140, 37.0174, -66.5766 by changing the saturation by 10% instead.

■ 97.9140, 37.0174,
-66.5766

■ 97.9140, 37.0174,
-66.5766

■ 255.0000, 0.0000,
0.0000

■ 73.5830, 35.7016,
-64.5323

■ 156.9480, 35.5216,
-53.4514

■ 57.1180, 31.0008,
-50.0925

■ 185.3180, 34.3532,
-52.0219

■ 40.7670, 26.7369,
-35.7527

■ 210.7240, 21.8281,
-47.9929

■ 26.2910, 22.0415,
-23.0572

■ 234.0700, 10.3185,
-43.0344

■ 7.9340, 20.2455,
-6.9581

■ 243.0400, 5.8963,
-24.5911

■ 3.6650, 11.5042,
-3.2142

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 97.9140, 37.0174,
-66.5766

■ 97.9140, 37.0174,
-66.5766

■ 89.3090, 41.2597,
-73.9390

■ 106.5190, 32.7751,
-59.2142

■ 87.2270, 42.2861,
-76.4981

■ 115.4230, 28.3855,
-51.2370

■ 124.0280, 24.1432,
-43.8746

■ 132.0460, 20.1903,
-35.9973

■ 140.9500, 15.8006,
-28.0202

■ 149.5550, 11.5584,
-20.6577

■ 158.1600, 7.3161,
-13.2953

■ 166.7650, 3.0739,
-5.9329

■ 175.6690, -1.3158,
2.0443

Harmonies

Analogous

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



93.1480, 31.9720, -81.6908



97.9140, 37.0174, -66.5766



113.8710, 29.1506, -16.5499

Triad

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



97.9140, 37.0174, -66.5766



116.1310, -8.4456, 48.9971



106.9870, -17.2486, -21.0366

Complementary

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



97.9140, 37.0174, -66.5766



97.0860, -37.0174, 66.5766

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.



110.5190, -27.3709, 5.6838



97.9140, 37.0174, -66.5766



115.1830, -20.7962, 43.6895

Square

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



97.9140, 37.0174, -66.5766



117.8600, 5.9850, 40.4648



113.1350, -28.1676, 27.9456



98.1750, 0.8997, -55.4045

Rectangle

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



97.9140, 37.0174, -66.5766



117.8910, 22.2387, 7.1116



113.1350, -28.1676, 27.9456



108.6030, -21.4963, -11.9298

Sweetspot

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



97.9140, 37.0174, -66.5766



195.5050, 14.0480, -25.8759



116.3370, -21.8581, -82.7335



94.4910, 8.6319, -15.3396



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.



97.9140, 37.0174, -66.5766



112.9990, 54.7235, -99.1001



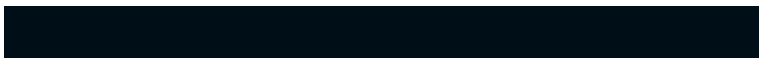
53.8890, 58.7217, -27.9667



82.5480, 2.1948, -3.9886



75.8000, 36.5806, -66.4766



11.4270, 5.7055, -10.0215

Inverse Universe

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



78.5490, 21.4213, 82.8335



83.9620, 32.0637, 122.8133



141.1110, -58.7217, 27.9667



81.3750, 1.2941, 4.9331



56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 97.9140, 37.0174, -66.5766 looks on a white 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

Black Background



This preview shows how the YUV color 97.9140, 37.0174, -66.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

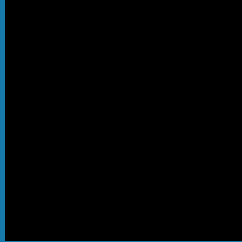
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9140, 37.0174, -66.5766

Background



This preview shows how black text looks on a background with the YUV color 97.9140, 37.0174, -66.5766.

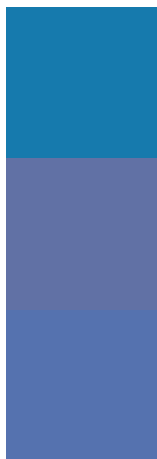


This preview shows how white text looks on a background with the YUV color 97.9140, 37.0174,

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

97.9140, 37.0174, -66.5766

Protanopia

114.1440, 25.0720, -15.0353

Deuteranopia

112.2830, 30.9195, -23.9272



Tritanopia

90.1670, 23.0887, -79.0765

Trichromacy



Original Color

97.9140, 37.0174, -66.5766

Protanomaly

108.1740, 29.4942, -33.4786

Deuteranomaly

107.0530, 33.0049, -39.5115

Tritanomaly

92.8670, 28.1666, -74.4284

Monochromacy



Original Color

97.9140, 37.0174, -66.5766

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9890, 13.3164, -24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9140, 37.0174, -66.5766 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(22, 122, 173)` looks like.

```
.text, #text, p{  
    color:rgb(22, 122, 173)  
}
```

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(22, 122, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 122, 173) }
```

Border

The CSS property to change the border of an element to YUV 97.9140, 37.0174, -66.5766 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(22, 122, 173) }
```


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

```
.border{ border-color:rgb(22, 122, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 122, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 122, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 122, 173);  
box-shadow:4px 4px 4px 4px rgb(22, 122,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 97.9140, 37.0174, -66.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 122, 173) }
```

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

```
.background{ background-color: rgb(22, 122,  
173) }
```

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