

# Converting Colors

YUV(89.7220, 21.3361,  
-76.9322)

Have a look what the booklet for  
YUV(89.7220, 21.3361, -76.9322)  
contains.

<b>YUV(89.7220, 21.3361, -76.9322)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(89.7220, 21.3361,  
-76.9322)**

# Conversions

## Conversions Part 1

Format	Color
Hex	027E85
RGB	2, 126, 133
RGB Percent	1%, 49%, 52%
CMY	0.9922, 0.5059, 0.4784
CMYK	0.98, 0.05, 0.00, 0.48
HSL	183°, 97%, 26%
HSV	183°, 98%, 52%
XYZ	11.7195, 16.6281, 24.7822
YIQ	89.7220, -76.1510, -24.1110

# Conversions

## Conversions Part 2

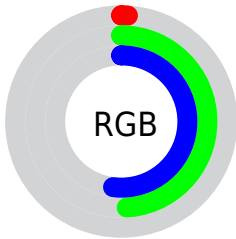
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 66, 133
Decimal	163461
CIELab	47.79, -26.08, -12.13
CIELCh	48, 28.768, 204.943
Yxy	16.6281, 0.2206, 0.3130
Android (android.graphics.Color)	4278353541 (0xFF027E85)
YUV	89.7220, 21.3361, -76.9322
Hunter-Lab	40.7775, -20.0595, -7.4887

# Details

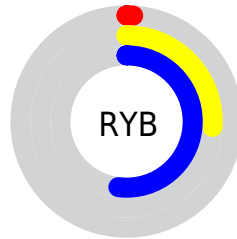
The YUV color **89.7220, 21.3361, -76.9322** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.2780, -21.3361, 76.9322**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0940, 17.2087, -59.7184**, and **54.1880, 14.6973, -47.5229** is the 20% darker color. If you saturate the color by 10%, you get **89.1240, 21.6309, -78.1617**, and if you desaturate by 10%, it is **94.1960, 19.1304, -69.4549**.

# Distribution



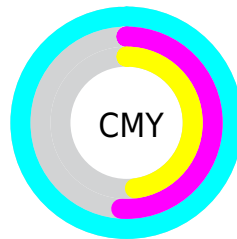
- Red (1%)
- Green (49%)
- Blue (52%)



- Red (1%)
- Yellow (26%)
- Blue (52%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (99%)
- Magenta (51%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.7220, 21.3361, -76.9322 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 89.7220, 21.3361, -76.9322 by changing the saturation by 10% instead.



■ 89.7220, 21.3361,  
-76.9322

■ 89.7220, 21.3361,  
-76.9322

■ 255.0000, 0.0000,  
0.0000

■ 71.5990, 17.9457,  
-62.7923

■ 151.0940, 17.2087,  
-59.7184

■ 54.1880, 14.6973,  
-47.5229

■ 179.6920, 16.9138,  
-58.4889

■ 37.9510, 10.8702,  
-33.2830

■ 207.6920, 16.9138,  
-58.4889

■ 23.8170, 7.4852,  
-20.8875

■ 229.5850, 12.5296,  
-52.2560

■ 2.6390, 7.5730,  
-2.3144

■ 238.2560, 8.2548,  
-34.4275

■ 0.0000, 0.0000,  
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 89.7220, 21.3361,  
-76.9322

■ 89.7220, 21.3361,  
-76.9322

■ 89.1240, 21.6309,  
-78.1617

■ 94.1960, 19.1304,  
-69.4549

■ 98.3820, 17.0667,  
-60.8480

■ 102.8560, 14.8610,  
-53.3707

■ 107.3300, 12.6553,  
-45.8934

■ 112.1030, 10.3022,  
-37.8013

■ 115.9900, 8.3859,  
-29.8092

■ 120.4640, 6.1802,  
-22.3319

■ 124.9380, 3.9746,  
-14.8546

■ 129.1240, 1.9109,  
-6.2477

# Harmonies

## Analogous

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



100.3270, 3.7828, -46.7678



89.7220, 21.3361, -76.9322



96.1070, 27.5552, -64.9918

# Triad

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



89.7220, 21.3361, -76.9322



116.7480, 12.4492, 20.3920



112.3340, -23.3357, 18.1241

# Complementary

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



89.7220, 21.3361, -76.9322



45.2780, -21.3361, 76.9322

# 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.



113.5730, -19.0165, 32.8235



89.7220, 21.3361, -76.9322



116.2740, 1.3439, 35.7167

# Square

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



89.7220, 21.3361, -76.9322



114.7710, 20.8189, -4.1842



114.9080, -10.3076, 39.5457



109.7230, -20.0764, -0.6341



# Rectangle

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



89.7220, 21.3361, -76.9322



104.5380, 27.3428, -43.4448



114.9080, -10.3076, 39.5457



112.8940, -22.6257, 23.7720

# Sweetspot

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



89.7220, 21.3361, -76.9322



156.2780, 8.2439, -30.9388



79.6950, -34.8526, -68.1385



76.2580, 5.2958, -18.6433



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



89.7220, 21.3361, -76.9322



115.9900, 28.1059, -101.7232



51.5670, 40.1465, -43.4703



64.2060, 0.8844, -3.6887



87.0210, 21.1886, -76.3174



1.5160, 0.7316, -1.3295



# Inverse Universe

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



55.3050, 34.8526, 68.1385



70.4230, 46.1335, 89.9600



83.4330, -40.1465, 43.4703



62.4780, 1.7363, 3.0888



52.8920, 34.5632, 67.6237



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 89.7220, 21.3361, -76.9322 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 89.7220, 21.3361, -76.9322 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

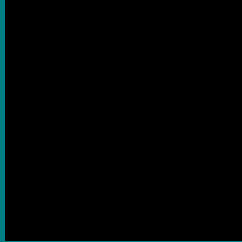
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.7220, 21.3361, -76.9322

## Background



This preview shows how black text looks on a background with the YUV color 89.7220, 21.3361, -76.9322.



This preview shows how white text looks on a background with the YUV color 89.7220, 21.3361,



# 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

89.7220, 21.3361, -76.9322

### Protanopia

113.3680, 5.2416, -1.1997

### Deuteranopia

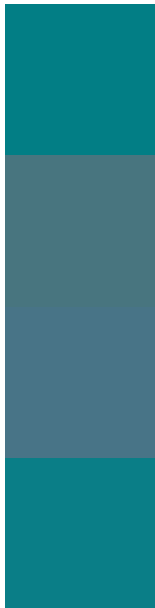
114.1490, 10.7725, -1.8847



## Tritanopia

93.6520, 20.8776, -69.8548

# Trichromacy



## Original Color

89.7220, 21.3361, -76.9322

## Protanomaly

104.6850, 11.0013, -28.6647

## Deuteranomaly

105.0100, 14.7851, -28.9498

## Tritanomaly

92.3420, 21.0304, -72.2139

# Monochromacy



## Original Color

89.7220, 21.3361, -76.9322

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.8870, 7.9437, -27.9649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.7220, 21.3361, -76.9322 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(2, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(2, 126, 133)  
}
```

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(2, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 126, 133) }
```

## Border

The CSS property to change the border of an element to YUV 89.7220, 21.3361, -76.9322 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(2, 126, 133) }
```



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

```
.border{ border-color:rgb(2, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(2, 126,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 89.7220, 21.3361, -76.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 126, 133) }
```

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

```
.background{ background-color: rgb(2, 126,  
133) }
```

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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