

Converting Colors

YUV(89.0790, 3.4121, -21.1173)

Have a look what the booklet for
YUV(89.0790, 3.4121, -21.1173)
contains.

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Color

**YUV(89.0790, 3.4121,
-21.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	416460
RGB	65, 100, 96
RGB Percent	25%, 39%, 38%
CMY	0.7451, 0.6078, 0.6235
CMYK	0.35, 0.00, 0.04, 0.61
HSL	173°, 21%, 32%
HSV	173°, 35%, 39%
XYZ	8.8485, 11.0827, 12.7391
YIQ	89.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

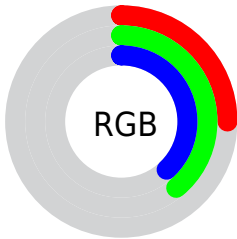
Format	Color
RYB	65, 84, 100
Decimal	4285536
CIELab	39.72, -13.56, -1.75
CIELCh	40, 13.672, 187.359
Yxy	11.0827, 0.2708, 0.3392
Android (android.graphics.Color)	4282475616 (0xFF416460)
YUV	89.0790, 3.4121, -21.1173
Hunter-Lab	33.2907, -10.8144, 0.6153

Details

The YUV color **89.0790, 3.4121, -21.1173** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.9210, -3.4121, 21.1173**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3670, 3.2701, -22.2469**, and **42.1930, 3.8489, -21.2173** is the 20% darker color. If you saturate the color by 10%, you get **85.9750, 4.4493, -27.1651**, and if you desaturate by 10%, it is **92.1830, 2.3748, -15.0695**.

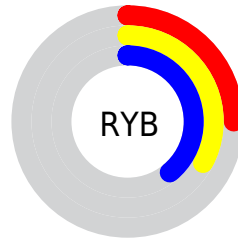
Distribution



Red (25%)

Green (39%)

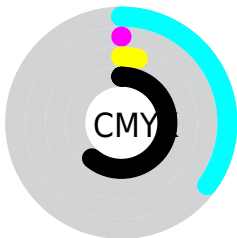
Blue (38%)



Red (25%)

Yellow (33%)

Blue (39%)

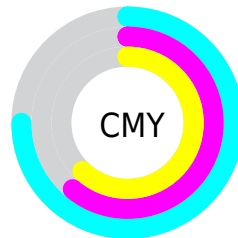


Cyan (35%)

Magenta (0%)

Yellow (4%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0790, 3.4121, -21.1173 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 89.0790, 3.4121, -21.1173 by changing the saturation by 10% instead.

89.0790, 3.4121,
-21.1173

89.0790, 3.4121,
-21.1173

255.0000, 0.0000,
0.0000

65.0790, 3.4121,
-21.1173

139.3670, 3.2701,
-22.2469

42.1930, 3.8489,
-21.2173

166.0680, 3.4175,
-22.8616

22.0900, 3.4066,
-19.3729

193.0680, 3.4175,
-22.8616

0.3420, 1.3104,
-0.2999

221.0680, 3.4175,
-22.8616

0.0000, 0.0000,
0.0000

245.4320, 4.7170,
-19.6729

254.1030, 0.4422,

-1.8443

■ 89.0790, 3.4121,
-21.1173

■ 89.0790, 3.4121,
-21.1173

■ 85.9750, 4.4493,
-27.1651

■ 92.1830, 2.3748,
-15.0695

■ 82.8710, 5.4866,
-33.2129

■ 95.2870, 1.3375,
-9.0217

■ 79.7670, 6.5239,
-39.2607

■ 98.3910, 0.3002,
-2.9739

■ 76.5490, 7.1243,
-45.2085

■ 101.6090, -0.3002,
2.9739

■ 73.4450, 8.1616,
-51.2563

■ 104.7130, -1.3375,
9.0217

■ 70.3410, 9.1989,
-57.3041

■ 107.8170, -2.3748,
15.0695

■ 68.8460, 9.9359,
-60.3779

■ 110.9210, -3.4121,
21.1173

■ 114.0250, -4.4493,
27.1651

■ 117.1290, -5.4866,
33.2129

Harmonies

Analogous

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



89.9290, -2.4300, -13.9697



89.0790, 3.4121, -21.1173



89.1480, 8.8010, -22.9318

Triad

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



89.0790, 3.4121, -21.1173



95.0850, 7.8461, 3.4335



94.0420, -10.3737, 13.9952

Complementary

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



89.0790, 3.4121, -21.1173



75.9210, -3.4121, 21.1173

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.



94.9870, -6.8956, 18.4284



89.0790, 3.4121, -21.1173



95.5870, 3.1616, 12.6402

Square

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



89.0790, 3.4121, -21.1173



93.4040, 10.6468, -8.2473



95.5400, -2.2382, 17.9434



92.9870, -10.3466, 5.2734

Rectangle

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



89.0790, 3.4121, -21.1173



90.3270, 10.6848, -20.4578



95.5400, -2.2382, 17.9434



94.2810, -9.5055, 15.5396

Sweetspot

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



89.0790, 3.4121, -21.1173



125.5860, 1.1901, -8.4069



86.7410, -10.7183, -15.5589



63.4940, 0.7425, -4.8182



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.0790, 3.4121, -21.1173



112.8710, 5.4866, -33.2129



81.9040, 8.9213, -14.8248



49.3910, 0.3002, -2.9739



79.1330, 11.2734, -69.3996



166.5640, 23.8789, -146.0766

Inverse Universe

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



75.9210, -3.4121, 21.1173



92.2430, -5.0498, 33.1129



83.0960, -8.9213, 14.8248



47.4950, -0.7370, 3.0739



35.8670, -11.2734, 69.3996



75.5500, -23.4422, 145.9766

Previews

White Background



This preview shows how the YUV color 89.0790, 3.4121, -21.1173 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 89.0790, 3.4121, -21.1173 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 89.0790, 3.4121, -21.1173

Background



This preview shows how black text looks on a background with the YUV color 89.0790, 3.4121, -21.1173.



This preview shows how white text looks on a background with the YUV color 89.0790, 3.4121, -21.1173.

-21.1173.

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

89.0790, 3.4121, -21.1173

Protanopia

93.4840, -0.7316, 1.3295

Deuteranopia

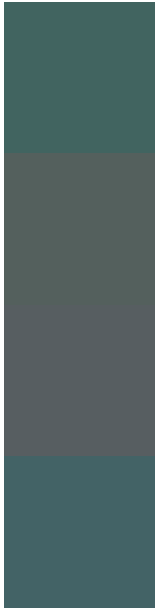
93.9020, 2.0203, 5.3479



Tritanopia

89.9420, 7.9166, -19.2431

Trichromacy



Original Color

89.0790, 3.4121, -21.1173

Protanomaly

92.0700, 0.4585, -7.0774

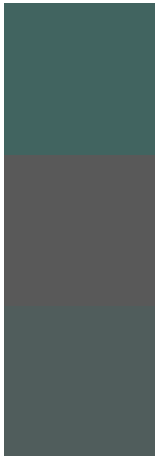
Deuteranomaly

92.2490, 2.3422, -4.6034

Tritanomaly

89.7740, 6.0274, -19.9728

Monochromacy



Original Color

89.0790, 3.4121, -21.1173

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0790, 3.4121, -21.1173 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(65, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(65, 100, 96)  
}
```

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(65, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 100, 96) }
```

Border

The CSS property to change the border of an element to YUV 89.0790, 3.4121, -21.1173 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(65, 100, 96) }
```


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

```
.border{ border-color:rgb(65, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(65, 100,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 89.0790, 3.4121, -21.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 100, 96) }
```

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

```
.background{ background-color: rgb(65, 100,  
96) }
```

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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