

Converting Colors

YUV(79.2790, 10.2155, -9.8917)

Have a look what the booklet for
YUV(79.2790, 10.2155, -9.8917)
contains.

YUV(79.2790, 10.2155, -9.8917)	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(79.2790, 10.2155,
-9.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	445164
RGB	68, 81, 100
RGB Percent	27%, 32%, 39%
CMY	0.7333, 0.6824, 0.6078
CMYK	0.32, 0.19, 0.00, 0.61
HSL	216°, 19%, 33%
HSV	216°, 32%, 39%
XYZ	7.6266, 8.0339, 13.2053
YIQ	79.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

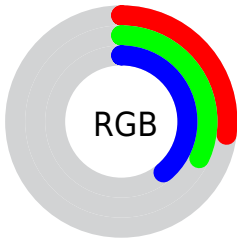
Format	Color
R_{YB}	68, 77, 100
Decimal	4477284
CIE _{Lab}	34.05, -0.09, -12.70
CIE _{LCh}	34, 12.699, 269.600
Yxy	8.0339, 0.2642, 0.2783
Android (android.graphics.Color)	4282667364 (0xFF445164)
YUV	79.2790, 10.2155, -9.8917
Hunter-Lab	28.3441, -1.5731, -7.7819

Details

The YUV color **79.2790, 10.2155, -9.8917** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.7210, -10.2155, 9.8917**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5070, 11.0890, -10.0916**, and **34.6380, 9.0525, -10.2065** is the 20% darker color. If you saturate the color by 10%, you get **72.7670, 13.4259, -12.9507**, and if you desaturate by 10%, it is **85.7910, 7.0050, -6.8327**.

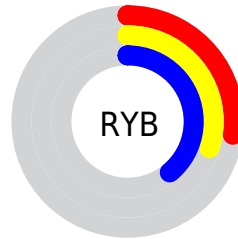
Distribution



Red (27%)

Green (32%)

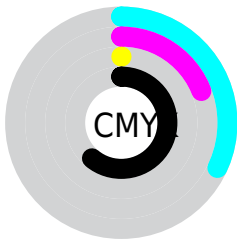
Blue (39%)



Red (27%)

Yellow (30%)

Blue (39%)

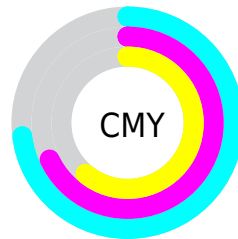


Cyan (32%)

Magenta (19%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (68%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2790, 10.2155, -9.8917 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 79.2790, 10.2155, -9.8917 by changing the saturation by 10% instead.

■ 79.2790, 10.2155,
-9.8917

■ 79.2790, 10.2155,
-9.8917

255.0000, 0.0000,
0.0000

■ 56.1650, 9.7787,
-9.7917

■ 128.5070, 11.0890,
-10.0916

■ 34.6380, 9.0525,
-10.2065

■ 154.6210, 11.5258,
-10.1916

■ 12.4530, 9.6367,
-10.9213

■ 181.3220, 11.6733,
-10.8064

■ 0.6840, 2.6208,
-0.5999

■ 209.3220, 11.6733,
-10.8064

■ 0.0000, 0.0000,
0.0000

■ 236.6380, 9.0525,
-10.2065

254.7010, 0.1474,

-0.6148

■ 79.2790, 10.2155,
-9.8917

■ 79.2790, 10.2155,
-9.8917

■ 72.7670, 13.4259,
-12.9507

■ 85.7910, 7.0050,
-6.8327

■ 66.2550, 16.6363,
-16.0096

■ 92.3030, 3.7946,
-3.7737

■ 59.7430, 19.8467,
-19.0686

■ 98.8150, 0.5842,
-0.7148

■ 53.2310, 23.0571,
-22.1276

■ 105.3270, -2.6262,
2.3442

■ 46.7190, 26.2675,
-25.1866

■ 111.8390, -5.8366,
5.4032

■ 40.2070, 29.4779,
-28.2455

■ 118.3510, -9.0470,
8.4622

■ 35.4670, 31.8148,
-31.1046

■ 124.8630,
-12.2575, 11.5211

■ 131.3750,
-15.4679, 14.5801

■ 137.3000,
-18.3889, 18.1539

Harmonies

Analogous

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



77.1100, 9.8058, -18.5135



79.2790, 10.2155, -9.8917



81.4760, 8.1463, 0.4595

Triad

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



79.2790, 10.2155, -9.8917



81.7310, -5.2904, 16.8989



77.3100, -3.6038, -10.7959

Complementary

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



79.2790, 10.2155, -9.8917



88.7210, -10.2155, 9.8917

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.



78.2250, -7.9989, -1.0743



79.2790, 10.2155, -9.8917



80.4980, -8.6265, 13.5953

Square

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



79.2790, 10.2155, -9.8917



81.9850, -0.4856, 15.7992



79.5250, -9.6258, 7.4326



76.3460, 1.8014, -17.8434

Rectangle

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



79.2790, 10.2155, -9.8917



81.5370, 5.6513, 7.4221



79.5250, -9.6258, 7.4326



77.5770, -5.2145, -7.5220

Sweetspot

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



79.2790, 10.2155, -9.8917



121.4170, 4.2314, -3.8737



88.9500, -0.9614, -18.3732



61.2600, 2.3368, -2.8590



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.



79.2790, 10.2155, -9.8917



98.3260, 15.6153, -15.1949



72.5450, 13.5353, -1.3550



47.7440, 1.6052, -1.5295



40.6990, 36.6304, -35.6930



85.1140, 77.3448, -74.6450

Inverse Universe

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



79.0500, 0.9614, 18.3732



97.9310, 1.5130, 28.1245



95.4550, -13.5353, 1.3550



47.7230, 0.1366, 2.8739



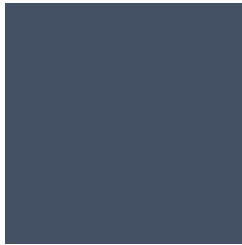
39.7430, 3.5777, 66.0004



83.5300, 7.1337, 138.9782

Previews

White Background



This preview shows how the YUV color 79.2790, 10.2155, -9.8917 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 ✓ Pass

Black Background



This preview shows how the YUV color 79.2790, 10.2155, -9.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

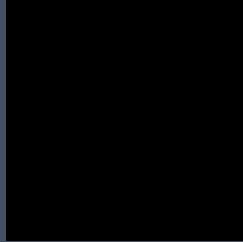
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

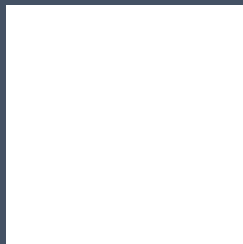
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.2790, 10.2155, -9.8917

Background



This preview shows how black text looks on a background with the YUV color 79.2790, 10.2155, -9.8917.



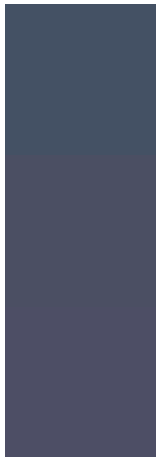
This preview shows how white text looks on a background with the YUV color 79.2790, 10.2155,

-9.8917.

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

79.2790, 10.2155, -9.8917

Protanopia

80.0840, 9.3256, -4.4587

Deuteranopia

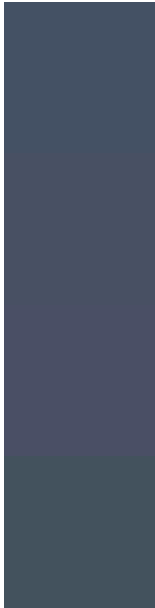
80.3230, 10.1938, -2.9143



Tritanopia

78.6010, 5.1267, -11.0511

Trichromacy



Original Color

79.2790, 10.2155, -9.8917

Protanomaly

79.7740, 9.4784, -6.8178

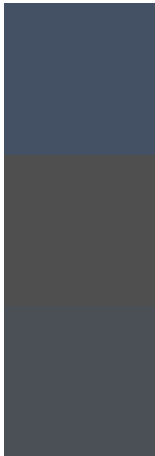
Deuteranomaly

80.0130, 10.3466, -5.2734

Tritanomaly

78.7690, 7.0159, -10.3214

Monochromacy



Original Color

79.2790, 10.2155, -9.8917

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3030, 3.7946, -3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2790, 10.2155, -9.8917 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(68, 81, 100)` looks like.

```
.text, #text, p{  
    color:rgb(68, 81, 100)  
}
```

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(68, 81, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 81, 100) }
```

Border

The CSS property to change the border of an element to YUV 79.2790, 10.2155, -9.8917 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(68, 81, 100) }
```


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

```
.border{ border-color:rgb(68, 81, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 81, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 81, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 81, 100);  
box-shadow:4px 4px 4px 4px rgb(68, 81,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 79.2790, 10.2155, -9.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 81, 100) }
```

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

```
.background{ background-color: rgb(68, 81,  
100) }
```

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