

Converting Colors

YUV(79.9120, 20.2564,
-10.4468)

Have a look what the booklet for
YUV(79.9120, 20.2564, -10.4468)
contains.

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Color

**YUV(79.9120, 20.2564,
-10.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	444E79
RGB	68, 78, 121
RGB Percent	27%, 31%, 47%
CMY	0.7333, 0.6941, 0.5255
CMYK	0.44, 0.36, 0.00, 0.53
HSL	229°, 28%, 37%
HSV	229°, 44%, 47%
XYZ	8.5595, 8.0582, 19.1934
YIQ	79.9120, -19.7630, 11.2530

Conversions

Conversions Part 2

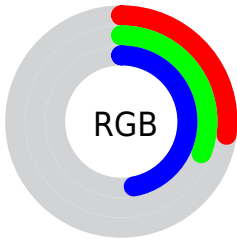
Format	Color
R_{YB}	68, 76, 121
Decimal	4476537
CIE _{Lab}	34.10, 8.15, -25.75
CIE _{LCh}	34, 27.013, 287.563
Yxy	8.0582, 0.2390, 0.2250
Android (android.graphics.Color)	4282666617 (0xFF444E79)
YUV	79.9120, 20.2564, -10.4468
Hunter-Lab	28.3870, 4.1456, -20.2172

Details

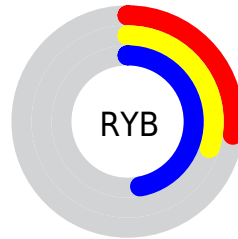
The YUV color **79.9120, 20.2564, -10.4468** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **109.0880, -20.2564, 10.4468**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9660, 21.7088, -9.6172**, and **33.5480, 18.9568, -13.6356** is the 20% darker color. If you saturate the color by 10%, you get **70.4540, 24.9192, -12.6762**, and if you desaturate by 10%, it is **89.3700, 15.5936, -8.2175**.

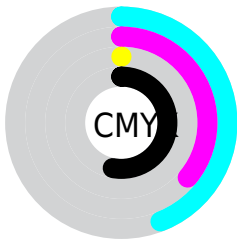
Distribution



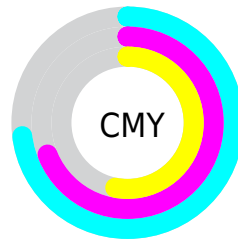
- Red (27%)
- Green (31%)
- Blue (47%)



- Red (27%)
- Yellow (30%)
- Blue (47%)



- Cyan (44%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9120, 20.2564, -10.4468 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 79.9120, 20.2564, -10.4468 by changing the saturation by 10% instead.

■ 79.9120, 20.2564,
-10.4468

■ 79.9120, 20.2564,
-10.4468

■ 255.0000, 0.0000,
0.0000

■ 56.0860, 19.6776,
-11.4764

■ 129.9660, 21.7088,
-9.6172

■ 33.5480, 18.9568,
-13.6356

■ 156.0800, 22.1456,
-9.7172

■ 12.6300, 17.9304,
-11.0765

■ 182.6070, 22.8717,
-9.3023

■ 3.7790, 11.9410,
-3.3142

■ 210.3790, 21.9982,
-9.1024

■ 0.0000, 0.0000,
0.0000

■ 235.1870, 9.7678,
-6.3030

■ 79.9120, 20.2564,
-10.4468

■ 79.9120, 20.2564,
-10.4468

■ 70.4540, 24.9192,
-12.6762

■ 89.3700, 15.5936,
-8.2175

■ 60.9960, 29.5820,
-14.9055

■ 98.8280, 10.9308,
-5.9882

■ 52.1250, 33.9554,
-17.6496

■ 107.6990, 6.5574,
-3.2440

■ 42.6670, 38.6182,
-19.8790

■ 117.1570, 1.8946,
-1.0147

■ 33.2090, 43.2810,
-22.1083

■ 126.6150, -2.7682,
1.2146

■ 27.2950, 46.1966,
-23.9377

■ 136.3720, -7.5784,
4.0588

■ 145.8300,
-12.2412, 6.2881

■ 155.2880,

-16.9040, 8.5174

■ 164.1590,
-21.2774, 11.2616

Harmonies

Analogous

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



70.0820, 25.5956, -43.0449



79.9120, 20.2564, -10.4468



82.8180, 12.9077, 13.3146

Triad

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



79.9120, 20.2564, -10.4468



79.8870, -15.2273, 30.7941



68.2740, 0.8509, -39.7053

Complementary

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



79.9120, 20.2564, -10.4468



109.0880, -20.2564, 10.4468

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.



74.3990, -12.0287, -15.2589



79.9120, 20.2564, -10.4468



79.1430, -20.2835, 19.1686

Square

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



79.9120, 20.2564, -10.4468



80.9120, -6.3656, 35.1572



77.2720, -19.3611, 3.2695



63.9050, 13.8508, -56.0447

Rectangle

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



79.9120, 20.2564, -10.4468



82.4020, 7.1968, 25.0804



77.2720, -19.3611, 3.2695



70.7760, -3.8336, -30.4986

Sweetspot

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



79.9120, 20.2564, -10.4468



142.0410, 7.8678, -3.5440



103.8990, 3.0078, -31.4834



69.2430, 4.8102, -2.8441



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



79.9120, 20.2564, -10.4468



92.9680, 32.0608, -16.6349



78.8260, 20.7918, 4.5376



56.2710, 2.3314, -1.1147



28.3380, 47.6544, -24.8524



56.9040, 96.1823, -49.9048

Inverse Universe

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



84.9870, -3.4446, 31.5834



100.9400, -5.3934, 50.0416



110.1740, -20.7918, -4.5376



56.9080, -0.4476, 3.5887



40.1110, -7.9427, 74.4477



80.8200, -16.1803, 150.1249

Previews

White Background



This preview shows how the YUV color 79.9120, 20.2564, -10.4468 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 79.9120, 20.2564, -10.4468 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 79.9120, 20.2564, -10.4468

Background



This preview shows how black text looks on a background with the YUV color 79.9120, 20.2564, -10.4468.



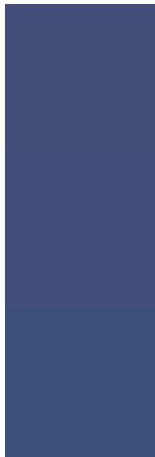
This preview shows how white text looks on a background with the YUV color 79.9120, 20.2564,

-10.4468.

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

79.9120, 20.2564, -10.4468

Protanopia

79.7160, 20.8460, -12.9059

Deuteranopia

78.9930, 20.7095, -15.7799



Tritanopia

77.6220, 6.5954, -15.4545

Trichromacy



Original Color

79.9120, 20.2564, -10.4468

Protanomaly

80.0150, 20.6986, -12.2912

Deuteranomaly

79.3030, 20.5566, -13.4207

Tritanomaly

78.5990, 11.5367, -13.6803

Monochromacy



Original Color

79.9120, 20.2564, -10.4468

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9120, 20.2564, -10.4468 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, 78, 121)` looks like.

```
.text, #text, p{  
    color:rgb(68, 78, 121)  
}
```

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, 78, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 78, 121) }
```

Border

The CSS property to change the border of an element to YUV 79.9120, 20.2564, -10.4468 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, 78, 121) }
```


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

```
.border{ border-color:rgb(68, 78, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 78, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 78, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 78, 121);  
box-shadow:4px 4px 4px 4px rgb(68, 78,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 79.9120, 20.2564, -10.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 78, 121) }
```

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

```
.background{ background-color: rgb(68, 78,  
121) }
```

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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