

Converting Colors

YUV(79.9480, 18.7596,
-43.8044)

Have a look what the booklet for
YUV(79.9480, 18.7596, -43.8044)
contains.

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Color

**YUV(79.9480, 18.7596,
-43.8044)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6276
RGB	30, 98, 118
RGB Percent	12%, 38%, 46%
CMY	0.8824, 0.6157, 0.5373
CMYK	0.75, 0.17, 0.00, 0.54
HSL	194°, 59%, 29%
HSV	194°, 75%, 46%
XYZ	8.1731, 10.3194, 18.7006
YIQ	79.9480, -46.9480, -8.1960

Conversions

Conversions Part 2

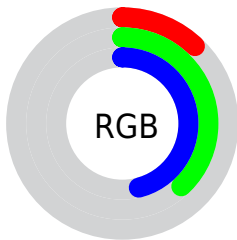
Format	Color
R_{YB}	30, 68, 118
Decimal	1991286
CIE _{Lab}	38.41, -13.83, -17.36
CIE _{LCh}	38, 22.199, 231.456
Yxy	10.3194, 0.2197, 0.2775
Android (android.graphics.Color)	4280181366 (0xFF1E6276)
YUV	79.9480, 18.7596, -43.8044
Hunter-Lab	32.1238, -10.8017, -12.0285

Details

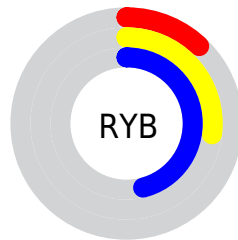
The YUV color **79.9480, 18.7596, -43.8044** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.0520, -18.7596, 43.8044**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1550, 18.1646, -39.6009**, and **37.9170, 15.8169, -33.2532** is the 20% darker color. If you saturate the color by 10%, you get **74.5990, 21.3967, -49.6373**, and if you desaturate by 10%, it is **85.2970, 16.1226, -37.9715**.

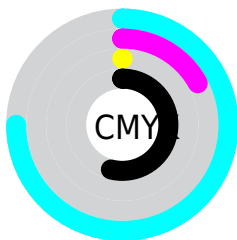
Distribution



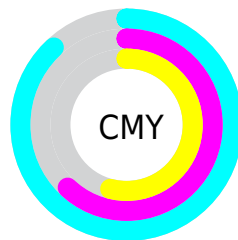
- Red (12%)
- Green (38%)
- Blue (46%)



- Red (12%)
- Yellow (27%)
- Blue (46%)



- Cyan (75%)
- Magenta (17%)
- Yellow (0%)
- Black (54%)



- Cyan (88%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9480, 18.7596, -43.8044 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 79.9480, 18.7596, -43.8044 by changing the saturation by 10% instead.

■ 79.9480, 18.7596,
-43.8044

■ 79.9480, 18.7596,
-43.8044

■ 255.0000, 0.0000,
0.0000

■ 54.0400, 19.2073,
-47.3931

■ 133.1550, 18.1646,
-39.6009

■ 37.9170, 15.8169,
-33.2532

■ 159.5680, 18.4540,
-39.0861

■ 23.5550, 11.5584,
-20.6577

■ 187.2690, 18.6014,
-39.7009

■ 3.6650, 11.5042,
-3.2142

■ 215.3830, 19.0382,
-39.8009

■ 0.0000, 0.0000,
0.0000

■ 237.9570, 8.4022,
-35.0423

■ 246.6280, 4.1274,

-17.2138

■ 79.9480, 18.7596,
-43.8044

■ 79.9480, 18.7596,
-43.8044

■ 74.5990, 21.3967,
-49.6373

■ 85.2970, 16.1226,
-37.9715

■ 69.8370, 23.7444,
-55.9850

■ 90.0590, 13.7749,
-31.6237

■ 66.8690, 25.2076,
-58.6441

■ 95.1090, 11.2853,
-26.4056

■ 100.4580, 8.6482,
-20.5727

■ 105.2200, 6.3005,
-14.2249

■ 110.5690, 3.6635,
-8.3920

■ 115.9180, 1.0264,
-2.5591

■ 120.3810, -1.1738,
3.1739

■ 125.7300, -3.8109,
9.0068

Harmonies

Analogous

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



78.2160, 12.2185, -45.7934



79.9480, 18.7596, -43.8044



86.5850, 19.4316, -25.9460

Triad

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



79.9480, 18.7596, -43.8044



92.6210, 1.6658, 25.7654



87.5860, -15.5719, 1.2401

Complementary

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



79.9480, 18.7596, -43.8044



68.0520, -18.7596, 43.8044

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.



89.9190, -17.2151, 14.9800



79.9480, 18.7596, -43.8044



91.7650, -6.7861, 30.0241

Square

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



79.9480, 18.7596, -43.8044



92.7210, 9.9975, 13.3997



90.6090, -13.6112, 25.7759



85.7950, -9.2659, -14.7292

Rectangle

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



79.9480, 18.7596, -43.8044



89.8040, 17.3516, -12.1061



90.6090, -13.6112, 25.7759



88.9780, -16.7512, 6.1583

Sweetspot

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



79.9480, 18.7596, -43.8044



138.1380, 7.3270, -16.7840



83.8220, -17.1672, -47.2019



68.0850, 4.3951, -9.7215



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



79.9480, 18.7596, -43.8044



94.1390, 29.0185, -67.6509



54.7070, 31.2034, -21.6680



56.0320, 1.4632, -2.6591



69.6730, 25.7972, -61.1032



141.7910, 53.3470, -124.3507

Inverse Universe

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



64.0640, 16.7304, 47.3019



69.6340, 25.8164, 73.1120



93.2930, -31.2034, 21.6680



55.2500, 0.8628, 3.2888



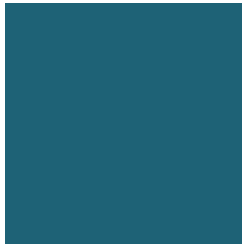
47.3080, 23.5122, 65.5049



96.7520, 47.4503, 134.3985

Previews

White Background



This preview shows how the YUV color 79.9480, 18.7596, -43.8044 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 79.9480, 18.7596, -43.8044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

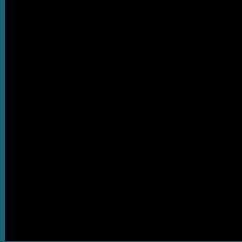
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.9480, 18.7596, -43.8044

Background



This preview shows how black text looks on a background with the YUV color 79.9480, 18.7596, -43.8044.



This preview shows how white text looks on a background with the YUV color 79.9480, 18.7596,

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

79.9480, 18.7596, -43.8044

Protanopia

90.4260, 10.6360, -4.7586

Deuteranopia

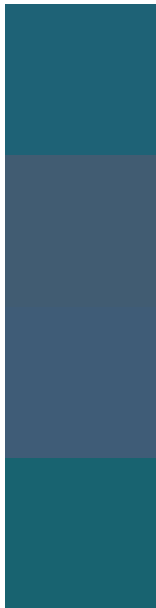
90.4410, 14.5726, -7.4028



Tritanopia

77.2910, 15.1395, -49.3672

Trichromacy



Original Color

79.9480, 18.7596, -43.8044

Protanomaly

86.4350, 13.5895, -18.7985

Deuteranomaly

86.4070, 16.0683, -20.5279

Tritanomaly

78.0570, 16.7339, -47.4080

Monochromacy



Original Color

79.9480, 18.7596, -43.8044

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3230, 6.7428, -16.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9480, 18.7596, -43.8044 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(30, 98, 118)` looks like.

```
.text, #text, p{  
    color:rgb(30, 98, 118)  
}
```

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(30, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 98, 118) }
```

Border

The CSS property to change the border of an element to YUV 79.9480, 18.7596, -43.8044 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(30, 98, 118) }
```


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

```
.border{ border-color:rgb(30, 98, 118) }
```

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

Here you see how a box with a 4 pixel rgb(30, 98, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 98, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 98, 118);  
box-shadow:4px 4px 4px 4px rgb(30, 98,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 79.9480, 18.7596, -43.8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 98, 118) }
```

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

```
.background{ background-color: rgb(30, 98,  
118) }
```

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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