

Converting Colors

YUV(79.8280, 7.4798, -19.1432)

Have a look what the booklet for
YUV(79.8280, 7.4798, -19.1432)
contains.

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Color

**YUV(79.8280, 7.4798,
-19.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	3A585F
RGB	58, 88, 95
RGB Percent	23%, 35%, 37%
CMY	0.7725, 0.6549, 0.6275
CMYK	0.39, 0.07, 0.00, 0.63
HSL	191°, 24%, 30%
HSV	191°, 39%, 37%
XYZ	7.3002, 8.7052, 12.1220
YIQ	79.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

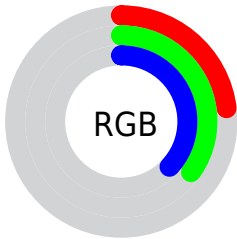
Format	Color
R_{YB}	58, 75, 95
Decimal	3823711
CIE _{Lab}	35.41, -9.06, -7.57
CIE _{LCh}	35, 11.809, 219.900
Yxy	8.7052, 0.2595, 0.3095
Android (android.graphics.Color)	4282013791 (0xFF3A585F)
YUV	79.8280, 7.4798, -19.1432
Hunter-Lab	29.5046, -7.4675, -3.7061

Details

The YUV color **79.8280, 7.4798, -19.1432** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.1720, -7.4798, 19.1432**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5290, 7.6272, -19.7579**, and **34.1160, 7.3378, -20.2727** is the 20% darker color. If you saturate the color by 10%, you get **75.6640, 9.5326, -24.2613**, and if you desaturate by 10%, it is **83.9920, 5.4269, -14.0250**.

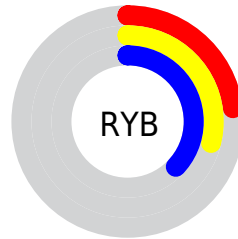
Distribution



Red (23%)

Green (35%)

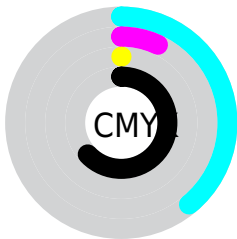
Blue (37%)



Red (23%)

Yellow (29%)

Blue (37%)

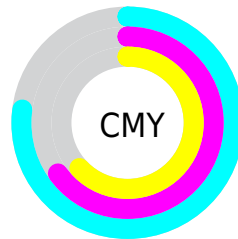


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8280, 7.4798, -19.1432 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 79.8280, 7.4798, -19.1432 by changing the saturation by 10% instead.

■ 79.8280, 7.4798,
-19.1432

■ 79.8280, 7.4798,
-19.1432

■ 255.0000, 0.0000,
0.0000

■ 56.7140, 7.0430,
-19.0432

■ 129.5290, 7.6272,
-19.7579

■ 34.1160, 7.3378,
-20.2727

■ 155.6430, 8.0640,
-19.8579

■ 16.6930, 5.5744,
-14.6398

■ 182.3440, 8.2114,
-20.4727

■ 0.0000, 0.0000,
0.0000

■ 210.0450, 8.3588,
-21.0875

■ 238.6320, 8.0694,
-21.6023

■ 251.4120, 1.7689,

-7.3773

■ 79.8280, 7.4798,
-19.1432

■ 79.8280, 7.4798,
-19.1432

■ 75.6640, 9.5326,
-24.2613

■ 83.9920, 5.4269,
-14.0250

■ 71.7990, 11.4381,
-28.7647

■ 87.8570, 3.5215,
-9.5216

■ 68.2220, 13.2016,
-34.3977

■ 91.1350, 1.9054,
-4.5034

■ 64.3570, 15.1070,
-38.9011

■ 95.2990, -0.1474,
0.6148

■ 60.4920, 17.0124,
-43.4045

■ 99.4630, -2.2003,
5.7329

■ 56.3280, 19.0653,
-48.5227

■ 103.3280, -4.1057,
10.2363

■ 56.0290, 19.2127,
-49.1374

■ 107.1930, -6.0111,
14.7397

■ 110.7700, -7.7746,
20.3727

■ 114.9340, -9.8275,
25.4909

Harmonies

Analogous

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



79.6880, 3.1118, -18.1434



79.8280, 7.4798, -19.1432



81.4310, 9.6475, -14.4100

Triad

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



79.8280, 7.4798, -19.1432



84.7610, 2.5828, 11.6106



82.7310, -8.7414, 3.7439

Complementary

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



79.8280, 7.4798, -19.1432



73.1720, -7.4798, 19.1432

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.



83.7750, -8.7631, 10.7213



79.8280, 7.4798, -19.1432



85.1160, -2.5222, 15.6843

Square

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



79.8280, 7.4798, -19.1432



84.7430, 6.5357, 3.7334



84.4920, -6.1586, 15.3545



81.3710, -6.0989, -3.8334

Rectangle

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



79.8280, 7.4798, -19.1432



82.4640, 9.6312, -9.1769



84.4920, -6.1586, 15.3545



83.3400, -9.0416, 6.7178

Sweetspot

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



79.8280, 7.4798, -19.1432



116.6400, 2.6425, -7.5773



80.5170, -7.6499, -19.7474



58.0210, 1.4686, -4.4034



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



79.8280, 7.4798, -19.1432



99.0870, 11.2961, -29.8943



69.2620, 12.6888, -9.8768



46.8040, 0.5896, -2.4591



66.1850, 22.5868, -58.0442



141.2380, 48.6897, -123.8657

Inverse Universe

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



72.4830, 7.6499, 19.7474



87.4010, 12.1273, 30.3433



83.7380, -12.6888, 9.8768



45.6520, 1.1576, 2.0592



43.8620, 23.2390, 59.7570



93.8760, 49.3611, 128.1507

Previews

White Background



This preview shows how the YUV color 79.8280, 7.4798, -19.1432 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 79.8280, 7.4798, -19.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

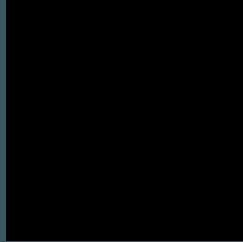
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8280, 7.4798, -19.1432

Background



This preview shows how black text looks on a background with the YUV color 79.8280, 7.4798, -19.1432.



This preview shows how white text looks on a background with the YUV color 79.8280, 7.4798, -19.1432.

-19.1432.

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

79.8280, 7.4798, -19.1432

Protanopia

83.0260, 3.9312, -0.8998

Deuteranopia

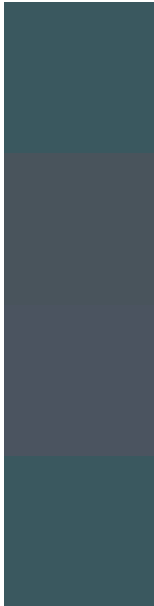
83.9060, 5.9623, 0.9594



Tritanopia

79.8280, 7.4798, -19.1432

Trichromacy



Original Color

79.8280, 7.4798, -19.1432

Protanomaly

81.6230, 5.1159, -7.5624

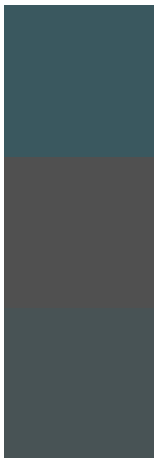
Deuteranomaly

82.6770, 6.5682, -6.7327

Tritanomaly

79.8280, 7.4798, -19.1432

Monochromacy



Original Color

79.8280, 7.4798, -19.1432

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8280, 7.4798, -19.1432 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(58, 88, 95)` looks like.

```
.text, #text, p{  
    color:rgb(58, 88, 95)  
}
```

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(58, 88, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 88, 95) }
```

Border

The CSS property to change the border of an element to YUV 79.8280, 7.4798, -19.1432 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(58, 88, 95) }
```


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

```
.border{ border-color:rgb(58, 88, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 88, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 88, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 88, 95);  
box-shadow:4px 4px 4px 4px rgb(58, 88, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.8280, 7.4798, -19.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 88, 95) }
```

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

```
.background{ background-color: rgb(58, 88,  
95) }
```

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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