

Converting Colors

YUV(77.5800, 0.2071, -19.8027)

Have a look what the booklet for
YUV(77.5800, 0.2071, -19.8027)
contains.

YUV(77.5800, 0.2071, -19.8027)	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(77.5800, 0.2071,
-19.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	37594E
RGB	55, 89, 78
RGB Percent	22%, 35%, 31%
CMY	0.7843, 0.6510, 0.6941
CMYK	0.38, 0.00, 0.12, 0.65
HSL	161°, 24%, 28%
HSV	161°, 38%, 35%
XYZ	6.5231, 8.5070, 8.5059
YIQ	77.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

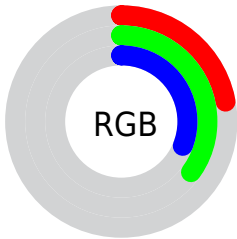
Format	Color
RYB	55, 75, 89
Decimal	3627342
CIELab	35.02, -15.19, 2.46
CIELCh	35, 15.390, 170.787
Yxy	8.5070, 0.2772, 0.3614
Android (android.graphics.Color)	4281817422 (0xFF37594E)
YUV	77.5800, 0.2071, -19.8027
Hunter-Lab	29.1668, -11.1210, 3.1260

Details

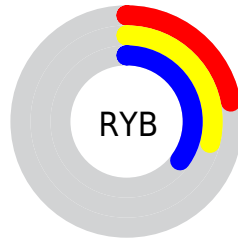
The YUV color $[77.5800, 0.2071, -19.8027]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[66.4200, -0.2071, 19.8027]$, and the grayscale version is $[78.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[126.8680, 0.0651, -20.9322]$, and $[31.8080, 1.0807, -20.0026]$ is the 20% darker color. If you saturate the color by 10%, you get $[74.5470, 0.2233, -25.0357]$, and if you desaturate by 10%, it is $[80.6130, 0.1908, -14.5696]$.

Distribution



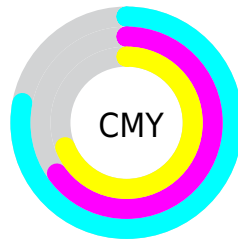
- Red (22%)
- Green (35%)
- Blue (31%)



- Red (22%)
- Yellow (29%)
- Blue (35%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (65%)



- Cyan (78%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5800, 0.2071, -19.8027 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 77.5800, 0.2071, -19.8027 by changing the saturation by 10% instead.

■ 77.5800, 0.2071,
-19.8027

■ 77.5800, 0.2071,
-19.8027

■ 255.0000, 0.0000,
0.0000

■ 53.9930, 0.4965,
-19.2879

■ 126.8680, 0.0651,
-20.9322

■ 31.8080, 1.0807,
-20.0026

■ 153.4550, -0.2243,
-21.4470

■ 15.4560, -1.7038,
-13.5549

■ 180.1560, -0.0769,
-22.0618

■ 0.0000, 0.0000,
0.0000

■ 207.7430, -0.3663,
-22.5766

■ 235.7430, -0.3663,
-22.5766

■ 250.2160, 2.3585,

-9.8364

■ 77.5800, 0.2071,
-19.8027

■ 77.5800, 0.2071,
-19.8027

■ 74.5470, 0.2233,
-25.0357

■ 80.6130, 0.1908,
-14.5696

■ 71.5140, 0.2396,
-30.2688

■ 83.6460, 0.1745,
-9.3365

■ 68.4810, 0.2559,
-35.5018

■ 86.6790, 0.1583,
-4.1035

■ 65.4480, 0.2721,
-40.7349

■ 89.7120, 0.1420,
1.1296

■ 62.8280, 0.5778,
-45.4532

■ 92.3320, -0.1637,
5.8478

■ 59.7950, 0.5941,
-50.6862

■ 95.3650, -0.1799,
11.0809

■ 59.0830, 0.4521,
-51.8158

■ 98.3980, -0.1962,
16.3140

■ 101.4310, -0.2125,
21.5470

■ 104.4640, -0.2288,
26.7801

Harmonies

Analogous

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



79.0390, -5.9352, -9.6812



77.5800, 0.2071, -19.8027



76.3710, 7.2121, -26.6354

Triad

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



77.5800, 0.2071, -19.8027



83.1380, 10.7780, -3.6290



83.0040, -9.3690, 18.4135

Complementary

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



77.5800, 0.2071, -19.8027



66.4200, -0.2071, 19.8027

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.



83.8670, -4.8644, 20.2876



77.5800, 0.2071, -19.8027



83.8900, 6.9562, 8.8665

Square

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



77.5800, 0.2071, -19.8027



80.5170, 12.5631, -16.2394



84.4520, 1.2562, 17.1436



81.9770, -11.8207, 11.4212

Rectangle

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



77.5800, 0.2071, -19.8027



76.8810, 10.4117, -26.2056



84.4520, 1.2562, 17.1436



83.3570, -8.0640, 19.8579

Sweetspot

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



77.5800, 0.2071, -19.8027



110.6570, 0.1691, -7.5922



78.2470, -11.4608, -10.7406



56.2660, -0.1311, -4.6183



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.5800, 0.2071, -19.8027



97.2150, 0.3870, -30.8836



75.3120, 6.7482, -17.8136



41.6900, 0.1528, -2.3591



71.0170, 0.4846, -62.2819



156.0710, 1.4440, -136.8743

Inverse Universe

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



66.4200, -0.2071, 19.8027



79.7850, -0.3870, 30.8836



68.6880, -6.7482, 17.8136



40.3100, -0.1528, 2.3591



35.9830, -0.4846, 62.2819



78.9290, -1.4440, 136.8743

Previews

White Background



This preview shows how the YUV color 77.5800, 0.2071, -19.8027 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 77.5800, 0.2071, -19.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

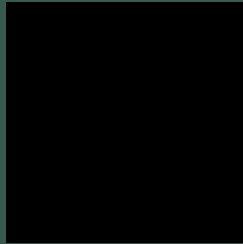
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5800, 0.2071, -19.8027

Background



This preview shows how black text looks on a background with the YUV color 77.5800, 0.2071, -19.8027.



This preview shows how white text looks on a background with the YUV color 77.5800, 0.2071, -19.8027.

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

77.5800, 0.2071, -19.8027

Protanopia

81.9850, -3.9366, 2.6442

Deuteranopia

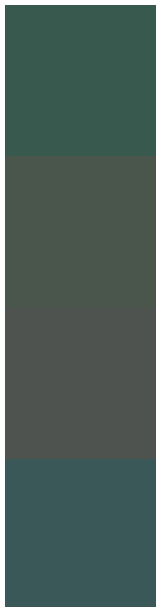
82.7020, -1.3321, 7.2773



Tritanopia

79.4260, 7.1850, -17.9136

Trichromacy



Original Color

77.5800, 0.2071, -19.8027

Protanomaly

80.5710, -2.7465, -5.7628

Deuteranomaly

81.0490, -1.0102, -2.6740

Tritanomaly

79.0300, 4.4222, -18.4433

Monochromacy



Original Color

77.5800, 0.2071, -19.8027

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5800, 0.2071, -19.8027 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(55, 89, 78)` looks like.

```
.text, #text, p{  
    color:rgb(55, 89, 78)  
}
```

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(55, 89, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 89, 78) }
```

Border

The CSS property to change the border of an element to YUV 77.5800, 0.2071, -19.8027 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(55, 89, 78) }
```


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

```
.border{ border-color:rgb(55, 89, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 89, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 89, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 89, 78);  
box-shadow:4px 4px 4px 4px rgb(55, 89, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.5800, 0.2071, -19.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 89, 78) }
```

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

```
.background{ background-color: rgb(55, 89,  
78) }
```

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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