

Converting Colors

YUV(126.7620, 13.9213,
-78.7213)

Have a look what the booklet for
YUV(126.7620, 13.9213, -78.7213)
contains.

YUV(126.7620, 13.9213, -78.7213)	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(126.7620, 13.9213,
-78.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	25A79B
RGB	37, 167, 155
RGB Percent	15%, 65%, 61%
CMY	0.8549, 0.3451, 0.3922
CMYK	0.78, 0.00, 0.07, 0.35
HSL	174°, 64%, 40%
HSV	174°, 78%, 65%
XYZ	20.4981, 30.3973, 35.7973
YIQ	126.7620, -73.6280, -31.2920

Conversions

Conversions Part 2

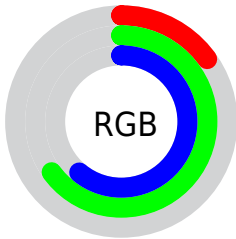
Format	Color
RYB	37, 105, 167
Decimal	2467739
CIELab	62.00, -36.34, -3.56
CIELCh	62, 36.518, 185.596
Yxy	30.3973, 0.2364, 0.3506
Android (android.graphics.Color)	4280657819 (0xFF25A79B)
YUV	126.7620, 13.9213, -78.7213
Hunter-Lab	55.1338, -30.1199, 0.0978

Details

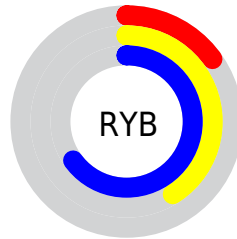
The YUV color **126.7620, 13.9213, -78.7213** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **77.2380, -13.9213, 78.7213**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1220, 11.2789, -71.1440**, and **78.7740, 12.4364, -69.0848** is the 20% darker color. If you saturate the color by 10%, you get **121.4510, 15.5537, -88.9725**, and if you desaturate by 10%, it is **132.0730, 12.2890, -68.4700**.

Distribution



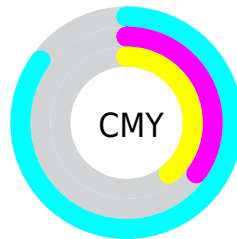
- Red (15%)
- Green (65%)
- Blue (61%)



- Red (15%)
- Yellow (41%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.7620, 13.9213, -78.7213 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 126.7620, 13.9213, -78.7213 by changing the saturation by 10% instead.


 126.7620, 13.9213,
-78.7213


 126.7620, 13.9213,
-78.7213

255.0000, 0.0000,
0.0000


 96.8860, 15.8322,
-84.9690


 186.1220, 11.2789,
-71.1440


 78.7740, 12.4364,
-69.0848

 215.4210, 11.1314,
-70.5292


 61.3630, 9.1880,
-53.8154


 228.0900, 13.2666,
-55.3299

 44.6530, 6.0871,
-39.1607

 236.7610, 8.9918,
-37.5014

 28.7580, 3.5703,
-25.2208

 245.7310, 4.5696,
-19.0581

 9.9280, 2.5005,
-8.7069

 0.0000, 0.0000,

0.0000

■ 126.7620, 13.9213,
-78.7213

■ 126.7620, 13.9213,
-78.7213

■ 121.4510, 15.5537,
-88.9725

■ 132.0730, 12.2890,
-68.4700

■ 116.5530, 17.4754,
-98.7090

■ 136.9710, 10.3673,
-58.7336

■ 115.3570, 18.0650,
-101.1681

■ 142.2820, 8.7350,
-48.4823

■ 147.4790, 6.6659,
-38.1311

■ 152.7900, 5.0335,
-27.8798

■ 157.6880, 3.1118,
-18.1434

■ 162.9990, 1.4795,
-7.8921

■ 168.1960, -0.5896,
2.4591

■ 173.2080, -2.0745,
12.0956

Harmonies

Analogous

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



137.6730, -7.7268, -41.8092



126.7620, 13.9213, -78.7213



118.6460, 33.2055, -104.0525

Triad

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



126.7620, 13.9213, -78.7213



152.7600, 24.2753, 7.2265



149.6740, -28.9263, 37.9969

Complementary

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



126.7620, 13.9213, -78.7213



77.2380, -13.9213, 78.7213

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.



150.9220, -18.2025, 51.8114



126.7620, 13.9213, -78.7213



153.6190, 11.5268, 36.2911

Square

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



126.7620, 13.9213, -78.7213



146.5210, 33.2671, -30.2749



152.4070, -3.6517, 51.3861



146.9610, -31.0398, 15.8202

Rectangle

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



126.7620, 13.9213, -78.7213



122.8950, 38.9988, -95.5009



152.4070, -3.6517, 51.3861



150.1030, -26.1798, 43.7597

Sweetspot

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



126.7620, 13.9213, -78.7213



201.4800, 5.1864, -30.2390



117.1970, -39.5371, -58.9318



100.3890, 3.2592, -18.7582



237.0000, 0.0000, 0.0000



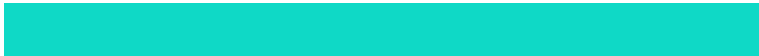
110.0000, 0.0000, 0.0000

Same Dimension

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



126.7620, 13.9213, -78.7213



154.4360, 21.4771, -122.2854



97.6060, 34.2112, -53.1515



81.4940, 0.7425, -4.8182



102.1520, 15.7011, -89.5873



13.9060, 2.5113, -12.1956

Inverse Universe

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



77.2380, -13.9213, 78.7213



77.5640, -21.4771, 122.2854



106.3940, -34.2112, 53.1515



78.5060, -0.7425, 4.8182



45.8480, -15.7011, 89.5873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 126.7620, 13.9213, -78.7213 looks on a white 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

Black Background



This preview shows how the YUV color 126.7620, 13.9213, -78.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

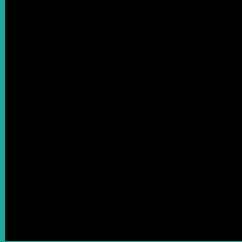
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 126.7620, 13.9213, -78.7213 Background



This preview shows how black text looks on a background with the YUV color 126.7620, 13.9213, -78.7213.

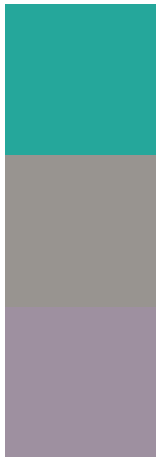


This preview shows how white text looks on a background with the YUV color 126.7620, 13.9213, -78.7213.

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

126.7620, 13.9213, -78.7213

Protanopia

148.7400, -2.3368, 2.8590

Deuteranopia

150.0100, 4.9251, 7.0072



Tritanopia

132.2930, 22.0406, -69.5400

Trichromacy



Original Color

126.7620, 13.9213, -78.7213



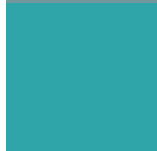
Protanomaly

140.7470, 3.5757, -26.9651



Deuteranomaly

141.3220, 8.2223, -23.9614



Tritanomaly

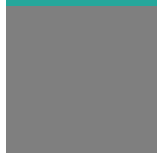
130.1740, 19.1412, -72.9436

Monochromacy



Original Color

126.7620, 13.9213, -78.7213



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.0780, 4.8915, -29.0094

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7620, 13.9213, -78.7213 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(37, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(37, 167, 155)  
}
```

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(37, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 167, 155) }
```

Border

The CSS property to change the border of an element to YUV 126.7620, 13.9213, -78.7213 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(37, 167, 155) }
```


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

```
.border{ border-color:rgb(37, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(37, 167,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 126.7620, 13.9213, -78.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 167, 155) }
```

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

```
.background{ background-color: rgb(37, 167,  
155) }
```

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