

Converting Colors

YUV(126.6300, 20.8884,
-73.3435)

Have a look what the booklet for
YUV(126.6300, 20.8884, -73.3435)
contains.

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Color

**YUV(126.6300, 20.8884,
-73.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	2BA1A9
RGB	43, 161, 169
RGB Percent	17%, 63%, 66%
CMY	0.8314, 0.3686, 0.3373
CMYK	0.75, 0.05, 0.00, 0.34
HSL	184°, 59%, 42%
HSV	184°, 75%, 66%
XYZ	20.9026, 28.8679, 42.0065
YIQ	126.6300, -72.8960, -22.5280

Conversions

Conversions Part 2

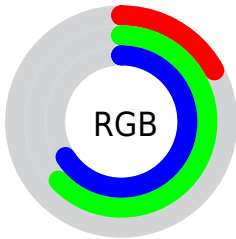
Format	Color
R_{YB}	43, 104, 169
Decimal	2859433
CIE _{Lab}	60.66, -28.65, -13.41
CIE _{LCh}	61, 31.634, 205.092
Yxy	28.8679, 0.2278, 0.3145
Android (android.graphics.Color)	4281049513 (0xFF2BA1A9)
YUV	126.6300, 20.8884, -73.3435
Hunter-Lab	53.7289, -24.5822, -8.7441

Details

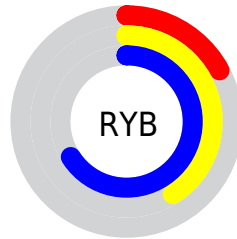
The YUV color **126.6300, 20.8884, -73.3435** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.3700, -20.8884, 73.3435**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9190, 19.2669, -66.5810**, and **77.3210, 19.5617, -67.8105** is the 20% darker color. If you saturate the color by 10%, you get **120.9600, 23.6837, -83.2799**, and if you desaturate by 10%, it is **132.3000, 18.0931, -63.4071**.

Distribution



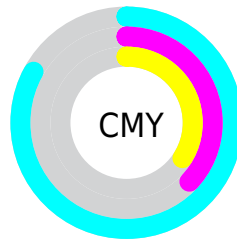
- Red (17%)
- Green (63%)
- Blue (66%)



- Red (17%)
- Yellow (41%)
- Blue (66%)



- Cyan (75%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (83%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.6300, 20.8884, -73.3435 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 126.6300, 20.8884, -73.3435 by changing the saturation by 10% instead.

■ 126.6300, 20.8884,
-73.3435

■ 126.6300, 20.8884,
-73.3435

■ 255.0000, 0.0000,
0.0000

■ 95.5470, 23.3943,
-83.7947

■ 184.9190, 19.2669,
-66.5810

■ 77.3210, 19.5617,
-67.8105

■ 214.2180, 19.1195,
-65.9662

■ 59.7960, 15.8766,
-52.4411

■ 228.9870, 12.8244,
-53.4856

■ 43.0860, 12.7756,
-37.7864

■ 237.9570, 8.4022,
-35.0423

■ 28.2510, 9.2433,
-24.7761

■ 246.9270, 3.9800,
-16.5990

■ 6.4860, 9.6204,
-5.6882

■ 0.0000, 0.0000,

0.0000

■ 126.6300, 20.8884,
-73.3435

■ 126.6300, 20.8884,
-73.3435

■ 120.9600, 23.6837,
-83.2799

■ 132.3000, 18.0931,
-63.4071

■ 115.2900, 26.4790,
-93.2163

■ 137.9700, 15.2978,
-53.4707

■ 112.0120, 28.0951,
-98.2345

■ 143.6400, 12.5025,
-43.5343

■ 149.3100, 9.7072,
-33.5979

■ 154.6810, 7.0593,
-24.2762

■ 160.3510, 4.2640,
-14.3398

■ 166.6080, 1.1793,
-4.9182

■ 172.2780, -1.6161,
5.0182

■ 177.9480, -4.4114,
14.9546

Harmonies

Analogous

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



132.4080, 4.2359, -52.1008



126.6300, 20.8884, -73.3435



130.3780, 29.8866, -66.1065

Triad

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



126.6300, 20.8884, -73.3435



150.2260, 14.1856, 23.4808



144.8460, -26.5461, 21.1831

Complementary

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



126.6300, 20.8884, -73.3435



85.3700, -20.8884, 73.3435

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.



146.8080, -22.0903, 38.7564



126.6300, 20.8884, -73.3435



149.6060, 1.1802, 41.5645

Square

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



126.6300, 20.8884, -73.3435



147.9820, 24.1659, -4.3692



148.1970, -11.9291, 46.3082



142.2130, -23.2760, -1.0638

Rectangle

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



126.6300, 20.8884, -73.3435



137.7270, 30.7006, -47.1186



148.1970, -11.9291, 46.3082



145.7050, -25.9836, 27.4457

Sweetspot

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



126.6300, 20.8884, -73.3435



202.8870, 7.9437, -27.9649



117.6460, -33.8425, -65.4645



100.1550, 4.8536, -16.7989



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.



126.6300, 20.8884, -73.3435



153.6510, 32.2171, -113.7039



90.8230, 38.5413, -41.9408



81.6080, 1.1793, -4.9182



98.4650, 24.4208, -86.3538



13.4330, 3.2375, -11.7807

Inverse Universe

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



94.1260, 32.9689, 65.6645



103.1670, 51.1897, 101.5855



121.1770, -38.5413, 41.9408



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 126.6300, 20.8884, -73.3435 looks on a white 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

Black Background



This preview shows how the YUV color 126.6300, 20.8884, -73.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

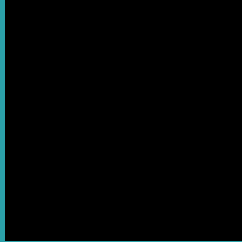
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.6300, 20.8884, -73.3435

Background



This preview shows how black text looks on a background with the YUV color 126.6300, 20.8884, -73.3435.

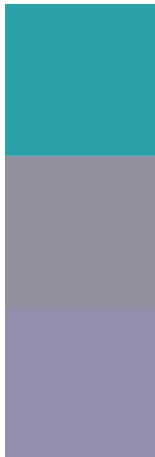


This preview shows how white text looks on a background with the YUV color 126.6300, 20.8884, -73.3435.

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

126.6300, 20.8884, -73.3435

Protanopia

145.5960, 6.1152, -1.3997

Deuteranopia

146.7300, 12.9511, -0.6402



Tritanopia

127.3960, 22.4828, -71.3843

Trichromacy



Original Color

126.6300, 20.8884, -73.3435

Protanomaly

138.5110, 11.5801, -27.6351

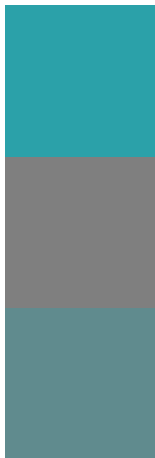
Deuteranomaly

139.6620, 15.9426, -26.8906

Tritanomaly

126.9830, 22.1934, -71.8991

Monochromacy



Original Color

126.6300, 20.8884, -73.3435

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.4850, 7.6489, -26.7353

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.6300, 20.8884, -73.3435 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(43, 161, 169)` looks like.

```
.text, #text, p{  
    color:rgb(43, 161, 169)  
}
```

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(43, 161, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 161, 169) }
```

Border

The CSS property to change the border of an element to YUV 126.6300, 20.8884, -73.3435 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(43, 161, 169) }
```


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

```
.border{ border-color:rgb(43, 161, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 161, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 161, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 161, 169);  
box-shadow:4px 4px 4px 4px rgb(43, 161,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 126.6300, 20.8884, -73.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 161, 169) }
```

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

```
.background{ background-color: rgb(43, 161,  
169) }
```

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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