

Converting Colors

YUV(135.0900, 26.5776,
-78.1319)

Have a look what the booklet for
YUV(135.0900, 26.5776, -78.1319)
contains.

YUV(135.0900, 26.5776, -78.1319)	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(135.0900, 26.5776,
-78.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	2EAABD
RGB	46, 170, 189
RGB Percent	18%, 67%, 74%
CMY	0.8196, 0.3333, 0.2588
CMYK	0.76, 0.10, 0.00, 0.26
HSL	188°, 61%, 46%
HSV	188°, 76%, 74%
XYZ	24.6867, 33.0044, 53.2135
YIQ	135.0900, -80.0030, -20.3790

Conversions

Conversions Part 2

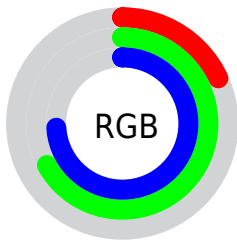
Format	Color
RYB	46, 112, 189
Decimal	3058365
CIELab	64.16, -26.52, -19.32
CIELCh	64, 32.814, 216.077
Yxy	33.0044, 0.2226, 0.2976
Android (android.graphics.Color)	4281248445 (0xFF2EAABD)
YUV	135.0900, 26.5776, -78.1319
Hunter-Lab	57.4495, -23.8329, -14.7037




Details

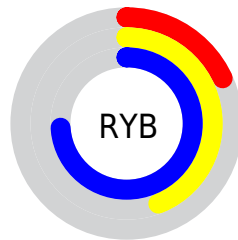
The YUV color **135.0900, 26.5776, -78.1319** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99.9100, -26.5776, 78.1319**, and the grayscale version is **135.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **194.6780, 24.8087, -70.7546**, and **84.1830, 25.5458, -73.8285** is the 20% darker color. If you saturate the color by 10%, you get **127.6480, 30.2465, -88.2683**, and if you desaturate by 10%, it is **142.5320, 22.9087, -67.9956**.

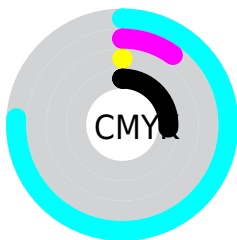
Distribution







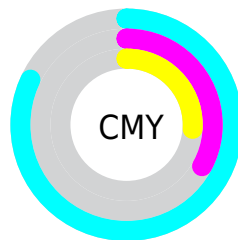
-  Red (18%)
-  Green (67%)
-  Blue (74%)






-  Red (18%)
-  Yellow (44%)
-  Blue (74%)



-  Cyan (76%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (82%)
-  Magenta (33%)
-  Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.0900, 26.5776, -78.1319 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 135.0900, 26.5776, -78.1319 by changing the saturation by 10% instead.


 135.0900, 26.5776,
-78.1319


 135.0900, 26.5776,
-78.1319


255.0000, 0.0000,
0.0000


 102.4090, 29.3784,
-89.8127


 194.6780, 24.8087,
-70.7546

 84.1830, 25.5458,
-73.8285


 221.5230, 16.5042,
-67.1107


 66.5440, 21.4238,
-58.3591


 231.0800, 11.7926,
-49.1822

 49.7200, 17.8860,
-43.6044

 240.0500, 7.3704,
-30.7388

 34.1840, 14.2063,
-29.9794

 249.0200, 2.9481,
-12.2955

 19.3490, 10.6739,
-16.9691

 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 135.0900, 26.5776,
-78.1319

■ 135.0900, 26.5776,
-78.1319

■ 127.6480, 30.2465,
-88.2683

■ 142.5320, 22.9087,
-67.9956

■ 120.7930, 33.6261,
-98.9195

■ 149.3870, 19.5292,
-57.3444

■ 117.8140, 35.0947,
-103.3229

■ 156.8290, 15.8603,
-47.2080

■ 163.6840, 12.4808,
-36.5569

■ 171.1260, 8.8119,
-26.4205

■ 177.6820, 5.5798,
-16.3841

■ 185.1240, 1.9109,
-6.2477

■ 191.9790, -1.4686,
4.4034

■ 199.4210, -5.1376,
14.5398

Harmonies

Analogous

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



138.4650, 11.1098, -63.5518



135.0900, 26.5776, -78.1319



143.5900, 31.7541, -58.3994

Triad

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



135.0900, 26.5776, -78.1319



160.1410, 9.7905, 33.2023



153.1610, -27.6874, 13.8908

Complementary

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



135.0900, 26.5776, -78.1319



99.9100, -26.5776, 78.1319

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.



155.7490, -26.0053, 34.4231



135.0900, 26.5776, -78.1319



158.6730, -3.7828, 46.7678

Square

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



135.0900, 26.5776, -78.1319



158.7770, 21.8019, 7.2116



157.1170, -17.3127, 46.3784



149.7280, -21.0649, -10.2855

Rectangle

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



135.0900, 26.5776, -78.1319



150.4940, 30.8155, -37.2672



157.1170, -17.3127, 46.3784



153.8030, -28.0039, 22.0978

Sweetspot

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



135.0900, 26.5776, -78.1319



223.2610, 10.7173, -30.9239



131.8790, -33.9573, -75.3159



109.4860, 6.1694, -18.8432



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



135.0900, 26.5776, -78.1319



160.7130, 41.5535, -121.6513



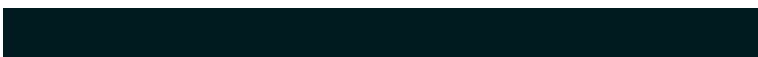
94.5870, 46.5456, -42.6108



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



19.3830, 5.7272, -16.9989

Inverse Universe

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



102.8930, 33.0838, 75.5158



110.6790, 51.4303, 117.7995



140.4130, -46.5456, 42.6108



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 135.0900, 26.5776, -78.1319 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 135.0900, 26.5776, -78.1319 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

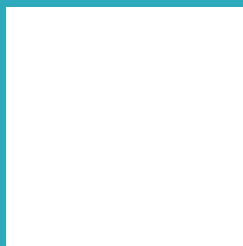
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.0900, 26.5776, -78.1319

Background



This preview shows how black text looks on a background with the YUV color 135.0900, 26.5776, -78.1319.



This preview shows how white text looks on a background with the YUV color 135.0900, 26.5776, -78.1319.

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

135.0900, 26.5776, -78.1319

Protanopia

154.9530, 11.3622, -4.3438

Deuteranopia

155.4890, 18.4929, -4.8139



Tritanopia

134.0250, 25.1307, -80.7059

Trichromacy



Original Color

135.0900, 26.5776, -78.1319

Protanomaly

147.5690, 16.9745, -31.1940

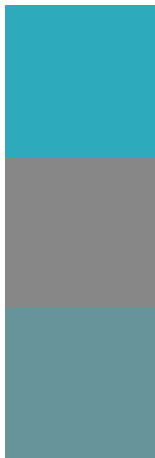
Deuteranomaly

148.1220, 21.6319, -31.6790

Tritanomaly

134.4380, 25.4201, -80.1911

Monochromacy



Original Color

135.0900, 26.5776, -78.1319

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3430, 9.6909, -28.3648

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0900, 26.5776, -78.1319 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(46, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(46, 170, 189)  
}
```

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(46, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 170, 189) }
```

Border

The CSS property to change the border of an element to YUV 135.0900, 26.5776, -78.1319 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(46, 170, 189) }
```


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

```
.border{ border-color:rgb(46, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(46, 170,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 135.0900, 26.5776, -78.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 170, 189) }
```

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

```
.background{ background-color: rgb(46, 170,  
189) }
```

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