

Converting Colors

YUV(116.4630, 14.0687,
-79.3361)

Have a look what the booklet for
YUV(116.4630, 14.0687, -79.3361)
contains.

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Color

**YUV(116.4630, 14.0687,
-79.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	1A9D91
RGB	26, 157, 145
RGB Percent	10%, 62%, 57%
CMY	0.8980, 0.3843, 0.4314
CMYK	0.83, 0.00, 0.08, 0.38
HSL	175°, 72%, 36%
HSV	175°, 83%, 62%
XYZ	17.5938, 26.3779, 30.9522
YIQ	116.4630, -74.2240, -31.5040

Conversions

Conversions Part 2

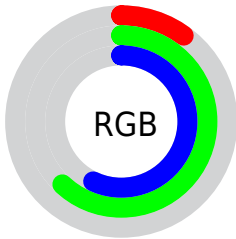
Format	Color
RYB	26, 95, 157
Decimal	1744273
CIELab	58.39, -35.71, -3.24
CIElCh	58, 35.855, 185.183
Yxy	26.3779, 0.2348, 0.3521
Android (android.graphics.Color)	4279934353 (0xFF1A9D91)
YUV	116.4630, 14.0687, -79.3361
Hunter-Lab	51.3594, -28.7316, 0.2199

Details

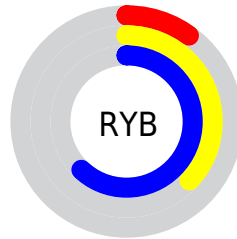
The YUV color **116.4630, 14.0687, -79.3361** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **66.5370, -14.0687, 79.3361**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4320, 11.1260, -68.7849**, and **72.4650, 11.1098, -63.5518** is the 20% darker color. If you saturate the color by 10%, you get **111.5650, 15.9905, -89.0725**, and if you desaturate by 10%, it is **121.3610, 12.1470, -69.5996**.

Distribution



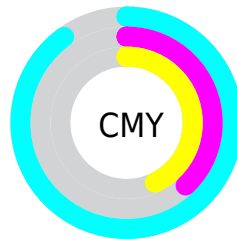
- Red (10%)
- Green (62%)
- Blue (57%)



- Red (10%)
- Yellow (37%)
- Blue (62%)



- Cyan (83%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (90%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4630, 14.0687, -79.3361 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 116.4630, 14.0687, -79.3361 by changing the saturation by 10% instead.

■ 116.4630, 14.0687,
-79.3361

■ 116.4630, 14.0687,
-79.3361

■ 255.0000, 0.0000,
0.0000

■ 89.8760, 14.3581,
-78.8213

■ 176.4320, 11.1260,
-68.7849

■ 72.4650, 11.1098,
-63.5518

■ 205.3180, 10.6892,
-68.6849

■ 55.0540, 7.8614,
-48.2824

■ 225.6980, 14.4459,
-60.2481

■ 38.4580, 5.1972,
-33.7277

■ 234.3690, 10.1711,
-42.4196

■ 24.3240, 1.8123,
-21.3321

■ 243.3390, 5.7489,
-23.9763

■ 0.1140, 0.4368,
-0.1000

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 116.4630, 14.0687,
-79.3361

■ 116.4630, 14.0687,
-79.3361

■ 111.5650, 15.9905,
-89.0725

■ 121.3610, 12.1470,
-69.5996

■ 108.4610, 17.0277,
-95.1203

■ 126.0740, 10.8095,
-60.5779

■ 130.9720, 8.8878,
-50.8414

■ 135.9840, 7.4029,
-41.2050

■ 140.8820, 5.4812,
-31.4685

■ 145.5950, 4.1437,
-22.4468

■ 150.4930, 2.2220,
-12.7104

■ 155.5050, 0.7370,
-3.0739

■ 160.1040, -1.0373,
6.0478

Harmonies

Analogous

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



128.3850, -7.5848, -40.6796



116.4630, 14.0687, -79.3361



111.6360, 31.7315, -97.9048

Triad

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



116.4630, 14.0687, -79.3361



143.3470, 23.9859, 6.7117



139.7170, -27.4685, 37.0822

Complementary

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



116.4630, 14.0687, -79.3361



66.5370, -14.0687, 79.3361

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.



141.1390, -17.3235, 49.8671



116.4630, 14.0687, -79.3361



144.4940, 11.0955, 34.6468

Square

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



116.4630, 14.0687, -79.3361



136.9940, 32.5410, -30.6897



142.8090, -3.3568, 50.1565



137.3030, -29.7294, 15.5203

Rectangle

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



116.4630, 14.0687, -79.3361



111.5850, 39.1516, -97.8600



142.8090, -3.3568, 50.1565



140.7330, -25.0114, 42.3302

Sweetspot

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



116.4630, 14.0687, -79.3361



188.1810, 5.3338, -30.8537



106.7840, -39.8265, -59.4466



92.3890, 3.2592, -18.7582



230.0000, 0.0000, 0.0000



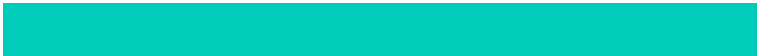
102.0000, 0.0000, 0.0000

Same Dimension

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



116.4630, 14.0687, -79.3361



140.8380, 21.7719, -123.5149



87.3070, 34.3586, -53.7662



76.4940, 0.7425, -4.8182



98.7610, 15.4008, -86.6134



10.4010, 1.7743, -9.1217

Inverse Universe

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



66.5370, -14.0687, 79.3361



63.1620, -21.7719, 123.5149



95.6930, -34.3586, 53.7662



73.5060, -0.7425, 4.8182



44.2390, -15.4008, 86.6134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 116.4630, 14.0687, -79.3361 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 116.4630, 14.0687, -79.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

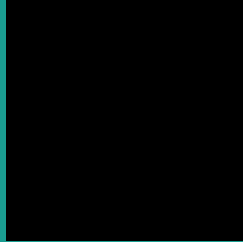
Any Text WCAG AA ✓ Pass

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 116.4630, 14.0687, -79.3361 Background



This preview shows how black text looks on a background with the YUV color 116.4630, 14.0687, -79.3361.



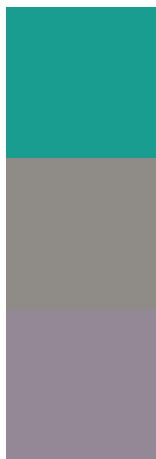
This preview shows how white text looks on a background with the YUV color 116.4630, 14.0687, -79.3361.

-79.3361.

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

116.4630, 14.0687, -79.3361

Protanopia

139.7400, -2.3368, 2.8590

Deuteranopia

140.5970, 4.6357, 6.4924



Tritanopia

122.4780, 21.4563, -68.8252

Trichromacy



Original Color

116.4630, 14.0687, -79.3361

Protanomaly

131.4480, 3.7231, -27.5799

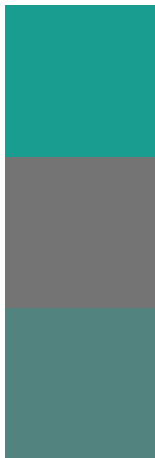
Deuteranomaly

131.9090, 7.9329, -24.4762

Tritanomaly

120.0600, 18.7044, -72.8436

Monochromacy



Original Color

116.4630, 14.0687, -79.3361

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1920, 5.3283, -29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4630, 14.0687, -79.3361 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(26, 157, 145)` looks like.

```
.text, #text, p{  
    color:rgb(26, 157, 145)  
}
```

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(26, 157, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 157, 145) }
```

Border

The CSS property to change the border of an element to YUV 116.4630, 14.0687, -79.3361 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(26, 157, 145) }
```


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

```
.border{ border-color:rgb(26, 157, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 157, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(26, 157, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(26, 157, 145); box-shadow:4px 4px 4px 4px rgb(26, 157, 145) }
```

Background

The CSS property to change the background color of an element to YUV 116.4630, 14.0687, -79.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 157, 145) }
```

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

```
.background{ background-color: rgb(26, 157,  
145) }
```

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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