

Converting Colors

YUV(96.5100, 26.3706,
-58.3293)

Have a look what the booklet for
YUV(96.5100, 26.3706, -58.3293)
contains.

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Color

**YUV(96.5100, 26.3706,
-58.3293)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7896
RGB	30, 120, 150
RGB Percent	12%, 47%, 59%
CMY	0.8824, 0.5294, 0.4118
CMYK	0.80, 0.20, 0.00, 0.41
HSL	195°, 67%, 35%
HSV	195°, 80%, 59%
XYZ	12.7569, 15.9110, 31.2529
YIQ	96.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

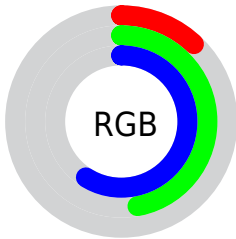
Format	Color
R_{YB}	30, 81, 150
Decimal	1996950
CIE _{Lab}	46.86, -14.94, -23.55
CIE _{LCh}	47, 27.891, 237.617
Yxy	15.9110, 0.2129, 0.2655
Android (android.graphics.Color)	4280187030 (0xFF1E7896)
YUV	96.5100, 26.3706, -58.3293
Hunter-Lab	39.8886, -12.7182, -18.5321




Details

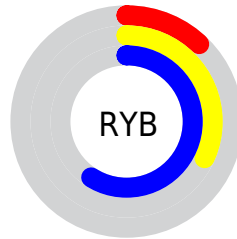
The YUV color **96.5100, 26.3706, -58.3293** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **83.4900, -26.3706, 58.3293**, and the grayscale version is **96.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **152.6250, 25.3279, -50.5371**, and **52.9630, 22.6962, -46.4486** is the 20% darker color. If you saturate the color by 10%, you get **89.6770, 29.7392, -65.4917**, and if you desaturate by 10%, it is **103.3430, 23.0019, -51.1668**.

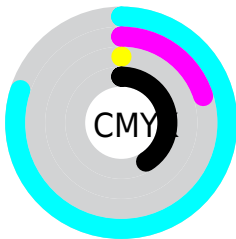
Distribution







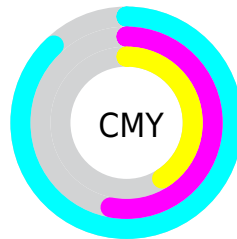
-  Red (12%)
-  Green (47%)
-  Blue (59%)






-  Red (12%)
-  Yellow (32%)
-  Blue (59%)



-  Cyan (80%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (88%)
-  Magenta (53%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5100, 26.3706, -58.3293 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 96.5100, 26.3706, -58.3293 by changing the saturation by 10% instead.

96.5100, 26.3706,
-58.3293

96.5100, 26.3706,
-58.3293

255.0000, 0.0000,
0.0000

69.9010, 26.6708,
-61.3032

152.6250, 25.3279,
-50.5371

52.9630, 22.6962,
-46.4486

180.9240, 25.1805,
-49.9223

37.3130, 18.5797,
-32.7235

208.3540, 22.9965,
-49.4225

22.9510, 14.3212,
-20.1280

232.8740, 10.9081,
-45.4935

4.7080, 12.9620,
-4.1289

241.5450, 6.6333,
-27.6650

0.2280, 0.8736,
-0.2000

250.5150, 2.2111,

0.0000, 0.0000,

-9.2217

0.0000

■ 96.5100, 26.3706,
-58.3293

■ 96.5100, 26.3706,
-58.3293

■ 89.6770, 29.7392,
-65.4917

■ 103.3430, 23.0019,
-51.1668

■ 83.4310, 32.8185,
-73.1690

■ 110.1760, 19.6332,
-44.0044

■ 116.4220, 16.5540,
-36.3271

■ 123.2550, 13.1853,
-29.1646

■ 130.0880, 9.8166,
-22.0022

■ 136.9210, 6.4479,
-14.8397

■ 143.1670, 3.3687,
-7.1625

■ 150.0000, 0.0000,
0.0000

■ 156.8330, -3.3687,
7.1625

Harmonies

Analogous

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



89.3420, 21.0304, -72.2139



96.5100, 26.3706, -58.3293



107.0560, 25.1154, -28.9901

Triad

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



96.5100, 26.3706, -58.3293



113.6330, 0.1809, 35.4019



107.0540, -18.7606, -2.6784

Complementary

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



96.5100, 26.3706, -58.3293



83.4900, -26.3706, 58.3293

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.



109.5510, -22.4566, 16.1798



96.5100, 26.3706, -58.3293



112.1960, -10.4496, 38.4161

Square

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



96.5100, 26.3706, -58.3293



114.5910, 10.5546, 21.4067



111.4480, -19.4479, 31.1791



103.4410, -9.0914, -24.0658

Rectangle

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



96.5100, 26.3706, -58.3293



111.3680, 22.0036, -10.8467



111.4480, -19.4479, 31.1791



108.2290, -20.8189, 4.1842

Sweetspot

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



96.5100, 26.3706, -58.3293



172.9030, 10.4008, -22.7169



103.8600, -21.6230, -64.7752



84.5190, 6.1531, -13.6102



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



96.5100, 26.3706, -58.3293



110.7970, 41.0191, -90.1530



61.2900, 43.7340, -27.4413



70.7330, 1.6106, -3.2738



76.1930, 30.4709, -66.8213



5.8360, 2.0529, -5.1182

Inverse Universe

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



76.1400, 21.6230, 64.7752



79.4600, 33.2972, 100.4516



118.7100, -43.7340, 27.4413



69.6630, 1.1521, 3.8035



53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 96.5100, 26.3706, -58.3293 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 × Fail

Black Background



This preview shows how the YUV color 96.5100, 26.3706, -58.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

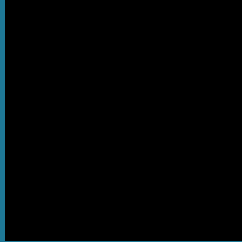
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5100, 26.3706, -58.3293

Background



This preview shows how black text looks on a background with the YUV color 96.5100, 26.3706, -58.3293.

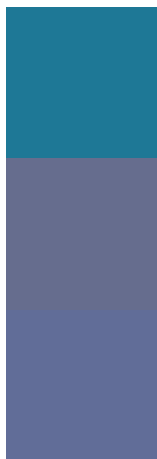


This preview shows how white text looks on a background with the YUV color 96.5100, 26.3706,

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

96.5100, 26.3706, -58.3293

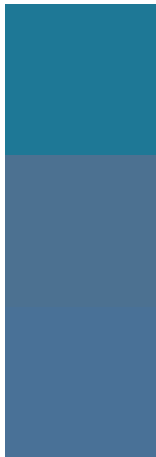
Protanopia

110.6690, 15.4462, -7.6027

Deuteranopia

110.3140, 20.5512, -11.6764

Trichromacy



Original Color

96.5100, 26.3706, -58.3293

Protanomaly

105.5850, 19.4316, -25.9460

Deuteranomaly

105.3720, 22.4946, -28.3902

Monochromacy



Original Color

96.5100, 26.3706, -58.3293

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6860, 9.5218, -20.7726

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5100, 26.3706, -58.3293 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(30, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(30, 120, 150)  
}
```

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(30, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 120, 150) }
```

Border

The CSS property to change the border of an element to YUV 96.5100, 26.3706, -58.3293 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(30, 120, 150) }
```

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

```
.border{ border-color:rgb(30, 120, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 120, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(30, 120,  
150) }
```


Background

The CSS property to change the background color of an element to YUV 96.5100, 26.3706, -58.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 120, 150) }
```

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

```
.background{ background-color: rgb(30, 120,  
150) }
```

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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