

Converting Colors

YUV(163.4510, 12.5957,
-26.7055)

Have a look what the booklet for
YUV(163.4510, 12.5957, -26.7055)
contains.

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Color

**YUV(163.4510, 12.5957,
-26.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	85AEBD
RGB	133, 174, 189
RGB Percent	52%, 68%, 74%
CMY	0.4784, 0.3176, 0.2588
CMYK	0.30, 0.08, 0.00, 0.26
HSL	196°, 30%, 63%
HSV	196°, 30%, 74%
XYZ	33.9942, 38.9328, 53.8672
YIQ	163.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

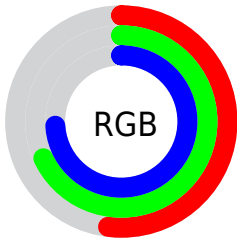
Format	Color
R _{YB}	133, 157, 189
Decimal	8761021
CIE _{Lab}	68.70, -10.18, -12.14
CIE _{LCh}	69, 15.845, 230.018
Y _{xy}	38.9328, 0.2681, 0.3071
Android (android.graphics.Color)	4286951101 (0xFF85AEBD)
YUV	163.4510, 12.5957, -26.7055
Hunter-Lab	62.3961, -11.9441, -7.5084

Details

The YUV color **163.4510, 12.5957, -26.7055** is a light color, and the websafe version is hex **669999**. A complement of this color would be **158.5490, -12.5957, 26.7055**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2660, 13.1799, -27.4203**, and **111.3370, 12.1589, -26.6055** is the 20% darker color. If you saturate the color by 10%, you get **154.8350, 16.8433, -35.8123**, and if you desaturate by 10%, it is **172.0670, 8.3480, -17.5988**.

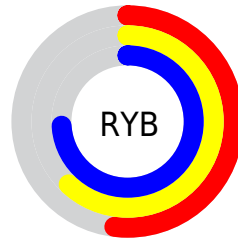
Distribution



Red (52%)

Green (68%)

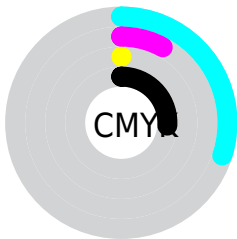
Blue (74%)



Red (52%)

Yellow (62%)

Blue (74%)

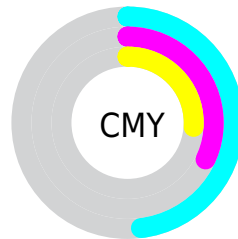


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4510, 12.5957, -26.7055 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 163.4510, 12.5957, -26.7055 by changing the saturation by 10% instead.

■ 163.4510, 12.5957,
-26.7055

■ 163.4510, 12.5957,
-26.7055

■ 255.0000, 0.0000,
0.0000

■ 136.7500, 12.4482,
-26.0907

■ 218.2660, 13.1799,
-27.4203

■ 111.3370, 12.1589,
-26.6055

■ 243.3390, 5.7489,
-23.9763

■ 86.2230, 11.7221,
-26.5056

■ 251.7110, 1.6215,
-6.7625

■ 61.9240, 11.8695,
-27.1203

■ 36.8310, 12.9013,
-31.4238

■ 21.6970, 9.5164,
-19.0283

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 163.4510, 12.5957,
-26.7055

■ 163.4510, 12.5957,
-26.7055

■ 154.8350, 16.8433,
-35.8123

■ 172.0670, 8.3480,
-17.5988

■ 146.2190, 21.0910,
-44.9191

■ 180.6830, 4.1003,
-8.4920

■ 137.6030, 25.3387,
-54.0258

■ 189.2990, -0.1474,
0.6148

■ 128.9870, 29.5864,
-63.1326

■ 197.9150, -4.3951,
9.7215

■ 120.6700, 33.6867,
-71.6246

■ 206.5310, -8.6428,
18.8283

■ 112.0540, 37.9344,
-80.7314

■ 214.8480,
-12.7431, 27.3203

■ 103.4380, 42.1821,
-89.8381

■ 220.4740,
-15.5167, 30.2793

■ 102.5520, 42.6189,
-89.9381

■ 223.4090,
-16.9636, 27.7053

■ 226.9310,
-18.7000, 24.6165

Harmonies

Analogous

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



162.3600, 7.2175, -28.3797



163.4510, 12.5957, -26.7055



165.6740, 14.4577, -17.2541

Triad

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



163.4510, 12.5957, -26.7055



170.4740, 1.2453, 20.6323



166.3950, -12.5197, 2.2846

Complementary

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



163.4510, 12.5957, -26.7055



158.5490, -12.5957, 26.7055

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.



167.8310, -13.7207, 14.1802



163.4510, 12.5957, -26.7055



169.9600, -5.8963, 24.5911

Square

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



163.4510, 12.5957, -26.7055



170.1290, 7.8244, 10.4109



169.1570, -11.4164, 21.7873



163.9850, -7.3876, -10.5108

Rectangle

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



163.4510, 12.5957, -26.7055



167.6150, 13.9938, -8.4324



169.1570, -11.4164, 21.7873



166.4880, -13.5516, 6.5880

Sweetspot

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



163.4510, 12.5957, -26.7055



234.9000, 4.9793, -10.4363



167.5820, -9.6539, -30.3284



116.3520, 2.7845, -6.4477



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.



163.4510, 12.5957, -26.7055



204.6000, 19.9172, -41.7452



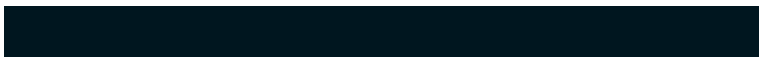
147.0150, 20.6986, -12.2912



90.1350, 1.9054, -4.5034



86.1040, 35.4447, -75.5132



16.4480, 7.1741, -14.4249

Inverse Universe

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



154.4180, 9.6539, 30.3284



190.6080, 14.9833, 47.7018



174.9850, -20.6986, 12.2912



88.4890, 1.7309, 4.8331



60.4660, 27.3783, 85.5373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 163.4510, 12.5957, -26.7055 looks on a white background.

Color Contrast Check

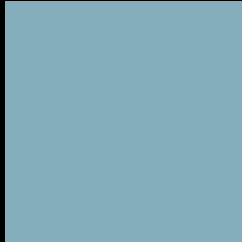
Large Text (above 18pt) WCAG AA × Fail

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 163.4510, 12.5957, -26.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

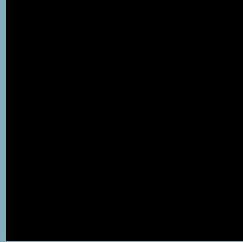
Any Text WCAG AA ✓ Pass

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 163.4510, 12.5957, -26.7055 Background



This preview shows how black text looks on a background with the YUV color 163.4510, 12.5957, -26.7055.



This preview shows how white text looks on a background with the YUV color 163.4510, 12.5957, -26.7055.

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

163.4510, 12.5957, -26.7055

Protanopia

167.7530, 8.0098, -2.4144

Deuteranopia

168.8830, 10.9037, 2.7336



Tritanopia

163.3370, 12.1589, -26.6055

Trichromacy



Original Color

163.4510, 12.5957, -26.7055

Protanomaly

166.1540, 9.7841, -11.5361

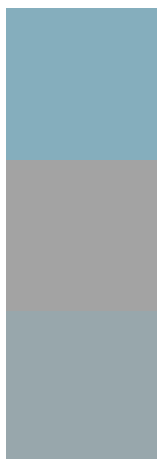
Deuteranomaly

166.9310, 11.3730, -7.8325

Tritanomaly

163.3370, 12.1589, -26.6055

Monochromacy



Original Color

163.4510, 12.5957, -26.7055

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4510, 12.5957, -26.7055 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(133, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(133, 174, 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(133, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 174, 189) }
```

Border

The CSS property to change the border of an element to YUV 163.4510, 12.5957, -26.7055 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(133, 174, 189) }
```


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

```
.border{ border-color:rgb(133, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(133, 174,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 163.4510, 12.5957, -26.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 174, 189) }
```

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

```
.background{ background-color: rgb(133,  
174, 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](#).

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