

Converting Colors

YUV(78.9550, 28.1232,
-60.4735)

Have a look what the booklet for
YUV(78.9550, 28.1232, -60.4735)
contains.

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Color

**YUV(78.9550, 28.1232,
-60.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6788
RGB	10, 103, 136
RGB Percent	4%, 40%, 53%
CMY	0.9608, 0.5961, 0.4667
CMYK	0.93, 0.24, 0.00, 0.47
HSL	196°, 86%, 29%
HSV	196°, 93%, 53%
XYZ	9.4194, 11.5426, 25.0240
YIQ	78.9550, -66.0210, -9.4530

Conversions

Conversions Part 2

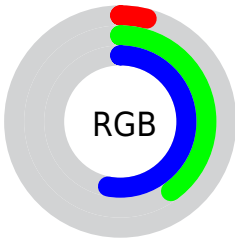
Format	Color
R_{YB}	10, 64, 136
Decimal	681864
CIE _{Lab}	40.48, -12.06, -25.13
CIE _{LCh}	40, 27.875, 244.354
Yxy	11.5426, 0.2048, 0.2510
Android (android.graphics.Color)	4278871944 (0xFF0A6788)
YUV	78.9550, 28.1232, -60.4735
Hunter-Lab	33.9744, -9.9663, -19.8883

Details

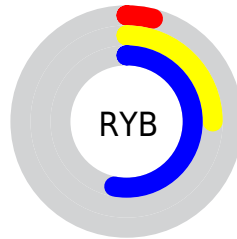
The YUV color **78.9550, 28.1232, -60.4735** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67.0450, -28.1232, 60.4735**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7610, 25.7538, -47.1484**, and **42.6760, 21.3587, -37.4269** is the 20% darker color. If you saturate the color by 10%, you get **74.2040, 30.4654, -65.0769**, and if you desaturate by 10%, it is **85.4890, 24.9019, -53.9259**.

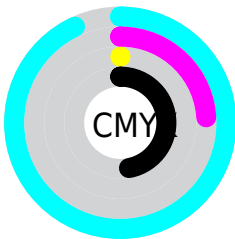
Distribution



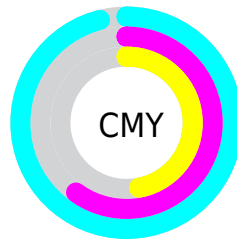
- Red (4%)
- Green (40%)
- Blue (53%)



- Red (4%)
- Yellow (25%)
- Blue (53%)



- Cyan (93%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9550, 28.1232, -60.4735 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 78.9550, 28.1232, -60.4735 by changing the saturation by 10% instead.

■ 78.9550, 28.1232,
-60.4735

■ 78.9550, 28.1232,
-60.4735

■ 255.0000, 0.0000,
0.0000

■ 59.0270, 25.6227,
-51.7667

■ 136.7610, 25.7538,
-47.1484

■ 42.6760, 21.3587,
-37.4269

■ 164.1740, 26.0432,
-46.6336

■ 27.7270, 17.3896,
-24.3166

■ 192.0000, 26.6220,
-45.6040

■ 8.1960, 16.1724,
-7.1879

■ 218.4210, 18.0334,
-44.2192

■ 2.7530, 8.0098,
-2.4144

■ 237.6580, 8.5496,
-35.6571

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 78.9550, 28.1232,
-60.4735

■ 78.9550, 28.1232,
-60.4735

■ 74.2040, 30.4654,
-65.0769

■ 85.4890, 24.9019,
-53.9259

■ 91.1370, 22.1175,
-47.4781

■ 97.6710, 18.8962,
-40.9305

■ 103.3190, 16.1117,
-34.4828

■ 109.8530, 12.8905,
-27.9351

■ 115.8000, 9.9586,
-20.8726

■ 122.0350, 6.8847,
-14.9397

■ 127.9820, 3.9529,
-7.8772

■ 134.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



76.4890, 21.4509, -67.0809



78.9550, 28.1232, -60.4735



92.7470, 23.7887, -23.4571

Triad

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



78.9550, 28.1232, -60.4735



97.0630, -2.0031, 35.9017



91.1890, -16.8552, -7.1818

Complementary

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



78.9550, 28.1232, -60.4735



67.0450, -28.1232, 60.4735

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.



93.3440, -21.8616, 11.9763



78.9550, 28.1232, -60.4735



96.0170, -12.3334, 35.9421

Square

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



78.9550, 28.1232, -60.4735



98.1570, 8.7966, 25.2953



95.0130, -19.7264, 27.1756



86.9180, -5.8756, -28.8691

Rectangle

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



78.9550, 28.1232, -60.4735



96.2440, 20.0927, -4.5990



95.0130, -19.7264, 27.1756



91.9510, -19.2028, -0.8340

Sweetspot

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



78.9550, 28.1232, -60.4735



153.7180, 10.9850, -23.4317



87.6100, -22.4857, -68.0640



75.3340, 6.7373, -14.3249



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



78.9550, 28.1232, -60.4735



96.3740, 39.2556, -84.5200



43.1480, 45.7760, -29.0708



65.7330, 1.6106, -3.2738



72.6880, 29.7338, -63.7474



2.9180, 1.0264, -2.5591

Inverse Universe

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



58.2760, 22.0489, 68.1639



67.4440, 30.8401, 95.2036



102.8520, -45.7760, 29.0708



64.6630, 1.1521, 3.8035



50.9390, 23.2011, 71.9675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 78.9550, 28.1232, -60.4735 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 78.9550, 28.1232, -60.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

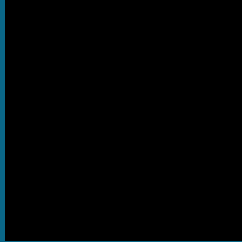
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9550, 28.1232, -60.4735

Background



This preview shows how black text looks on a background with the YUV color 78.9550, 28.1232, -60.4735.

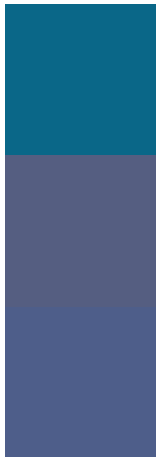


This preview shows how white text looks on a background with the YUV color 78.9550, 28.1232, -60.4735.

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

78.9550, 28.1232, -60.4735

Protanopia

95.2990, 16.6146, -9.0322

Deuteranopia

94.2320, 21.5776, -14.2355



Tritanopia

75.2180, 19.1195, -65.9662

Trichromacy



Original Color

78.9550, 28.1232, -60.4735

Protanomaly

89.3290, 21.0368, -27.4755

Deuteranomaly

88.4040, 23.9578, -31.0493

Tritanomaly

76.7390, 22.3137, -63.7921

Monochromacy



Original Color

78.9550, 28.1232, -60.4735

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2020, 10.2534, -22.1022

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9550, 28.1232, -60.4735 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(10, 103, 136)` looks like.

```
.text, #text, p{  
    color:rgb(10, 103, 136)  
}
```

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(10, 103, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 103, 136) }
```

Border

The CSS property to change the border of an element to YUV 78.9550, 28.1232, -60.4735 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(10, 103, 136) }
```


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

```
.border{ border-color:rgb(10, 103, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 103, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 103, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 103, 136);  
box-shadow:4px 4px 4px 4px rgb(10, 103,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 78.9550, 28.1232, -60.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 103, 136) }
```

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

```
.background{ background-color: rgb(10, 103,  
136) }
```

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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