

Converting Colors

YUV(152.6280, 0.6764,
-30.3688)

Have a look what the booklet for
YUV(152.6280, 0.6764, -30.3688)
contains.

YUV(152.6280, 0.6764, -30.3688)	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(152.6280, 0.6764,
-30.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	76AA9A
RGB	118, 170, 154
RGB Percent	46%, 67%, 60%
CMY	0.5373, 0.3333, 0.3961
CMYK	0.31, 0.00, 0.09, 0.33
HSL	162°, 23%, 56%
HSV	162°, 31%, 67%
XYZ	27.6787, 34.9341, 35.8560
YIQ	152.6280, -25.8560, -16.0000

Conversions

Conversions Part 2

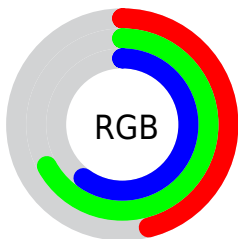
Format	Color
RYB	118, 149, 170
Decimal	7776922
CIELab	65.70, -20.73, 2.75
CIELCh	66, 20.910, 172.454
Yxy	34.9341, 0.2811, 0.3548
Android (android.graphics.Color)	4285967002 (0xFF76AA9A)
YUV	152.6280, 0.6764, -30.3688
Hunter-Lab	59.1051, -19.8430, 5.4054

Details

The YUV color $152.6280, 0.6764, -30.3688$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $135.3720, -0.6764, 30.3688$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.2150, 0.3870, -30.8836$, and $101.0410, 0.9658, -29.8540$ is the 20% darker color. If you saturate the color by 10%, you get $146.9750, 0.9983, -40.3201$, and if you desaturate by 10%, it is $158.2810, 0.3545, -20.4174$.

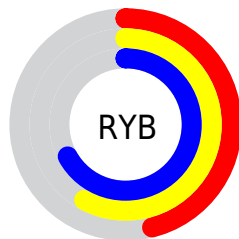
Distribution



Red (46%)

Green (67%)

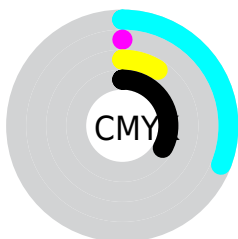
Blue (60%)



Red (46%)

Yellow (58%)

Blue (67%)

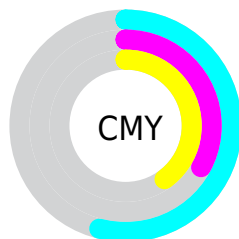


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6280, 0.6764, -30.3688 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 152.6280, 0.6764, -30.3688 by changing the saturation by 10% instead.

■ 152.6280, 0.6764,
-30.3688

■ 152.6280, 0.6764,
-30.3688

■ 255.0000, 0.0000,
0.0000

■ 126.0410, 0.9658,
-29.8540

■ 207.2150, 0.3870,
-30.8836

■ 101.0410, 0.9658,
-29.8540

■ 235.6170, 0.6818,
-32.1131

■ 76.1550, 1.4026,
-29.9539

■ 246.9270, 3.9800,
-16.5990

■ 51.6710, 2.1342,
-31.2835

■ 30.9920, 1.9759,
-27.1800

■ 17.3310, -2.1352,
-15.1993

■ 0.0000, 0.0000,

0.0000

■ 152.6280, 0.6764,
-30.3688

■ 152.6280, 0.6764,
-30.3688

■ 146.9750, 0.9983,
-40.3201

■ 158.2810, 0.3545,
-20.4174

■ 141.3220, 1.3203,
-50.2714

■ 163.9340, 0.0325,
-10.4661

■ 135.5550, 1.2054,
-60.1227

■ 169.7010, 0.1474,
-0.6148

■ 129.9020, 1.5273,
-70.0741

■ 175.3540, -0.1745,
9.3365

■ 124.2490, 1.8492,
-80.0254

■ 181.0070, -0.4965,
19.2879

■ 118.5960, 2.1712,
-89.9767

■ 186.6600, -0.8184,
29.2392

■ 113.2420, 2.3457,
-99.3132

■ 192.4270, -0.7035,
39.0905

■ 198.0800, -1.0254,
49.0418

■ 198.9490, 1.0111,
49.1567

Harmonies

Analogous

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



154.4960, -9.1185, -15.3440



152.6280, 0.6764, -30.3688



151.5050, 10.5970, -39.0309

Triad

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



152.6280, 0.6764, -30.3688



160.6310, 16.4509, -3.1844



160.9790, -14.7796, 27.2054

Complementary

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



152.6280, 0.6764, -30.3688



135.3720, -0.6764, 30.3688

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.



162.1350, -7.9546, 31.4536



152.6280, 0.6764, -30.3688



162.4330, 10.1395, 14.5293

Square

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



152.6280, 0.6764, -30.3688



157.1940, 19.1314, -22.9721



163.1050, 0.9342, 27.0949



159.4030, -17.9467, 16.3096

Rectangle

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



152.6280, 0.6764, -30.3688



152.4710, 15.5438, -39.0011



163.1050, 0.9342, 27.0949



161.1580, -12.8959, 29.6794

Sweetspot

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



152.6280, 0.6764, -30.3688



215.3360, 0.3274, -11.6957



153.3080, -17.4068, -16.9331



107.9560, 0.0217, -6.9774



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.6280, 0.6764, -30.3688



194.6320, 1.1674, -47.9123



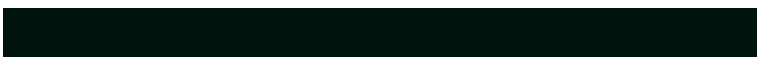
148.5820, 10.5591, -26.8204



81.3800, 0.3057, -4.7183



98.5040, 1.7235, -86.3880



13.3360, 0.3274, -11.6957

Inverse Universe

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



135.3720, -0.6764, 30.3688



167.3680, -1.1674, 47.9123



139.4180, -10.5591, 26.8204



78.6200, -0.3057, 4.7183



49.4960, -1.7235, 86.3880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 152.6280, 0.6764, -30.3688 looks on a white background.

Color Contrast Check

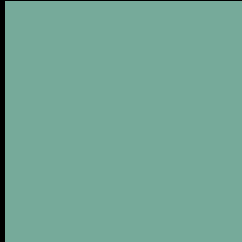
Large Text (above 18pt) WCAG AA × Fail

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 152.6280, 0.6764, -30.3688 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

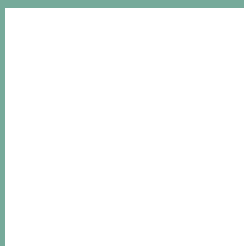
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.6280, 0.6764, -30.3688

Background



This preview shows how black text looks on a background with the YUV color 152.6280, 0.6764, -30.3688.



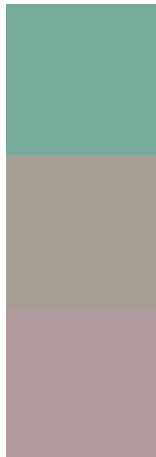
This preview shows how white text looks on a background with the YUV color 152.6280, 0.6764,

-30.3688.

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

152.6280, 0.6764, -30.3688

Protanopia

158.6540, -5.2524, 4.6884

Deuteranopia

160.6210, -1.7852, 12.6104



Tritanopia

155.0380, 12.3063, -27.2203

Trichromacy



Original Color

152.6280, 0.6764, -30.3688

Protanomaly

156.1470, -3.0305, -8.0219

Deuteranomaly

157.7500, -0.8627, -3.2887

Tritanomaly

154.0010, 8.3805, -28.0649

Monochromacy



Original Color

152.6280, 0.6764, -30.3688

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.6350, 0.1799, -11.0809

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6280, 0.6764, -30.3688 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(118, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(118, 170, 154)  
}
```

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(118, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 170, 154) }
```

Border

The CSS property to change the border of an element to YUV 152.6280, 0.6764, -30.3688 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(118, 170, 154) }
```


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

```
.border{ border-color:rgb(118, 170, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 170, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(118, 170,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 152.6280, 0.6764, -30.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 170, 154) }
```

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

```
.background{ background-color: rgb(118,  
170, 154) }
```

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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