

Converting Colors

YUV(151.5590, -4.7126,
-28.5542)

Have a look what the booklet for
YUV(151.5590, -4.7126, -28.5542)
contains.

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Color

**YUV(151.5590, -4.7126,
-28.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	77AA8E
RGB	119, 170, 142
RGB Percent	47%, 67%, 56%
CMY	0.5333, 0.3333, 0.4431
CMYK	0.30, 0.00, 0.16, 0.33
HSL	147°, 23%, 57%
HSV	147°, 30%, 67%
XYZ	26.8650, 34.6244, 30.8584
YIQ	151.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

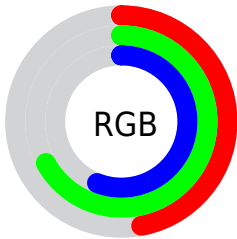
Format	Color
RYB	119, 154, 170
Decimal	7842446
CIELab	65.46, -22.96, 9.07
CIELCh	65, 24.691, 158.452
Yxy	34.6244, 0.2909, 0.3749
Android (android.graphics.Color)	4286032526 (0xFF77AA8E)
YUV	151.5590, -4.7126, -28.5542
Hunter-Lab	58.8425, -21.4789, 10.0966

Details

The YUV color **151.5590, -4.7126, -28.5542** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137.4410, 4.7126, 28.5542**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8470, -4.8546, -29.6838**, and **100.0860, -3.9864, -28.1394** is the 20% darker color. If you saturate the color by 10%, you get **145.4500, -6.1378, -38.1056**, and if you desaturate by 10%, it is **157.6680, -3.2873, -19.0028**.

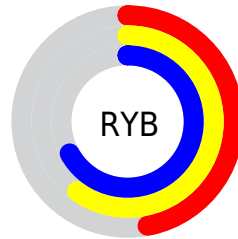
Distribution



Red (47%)

Green (67%)

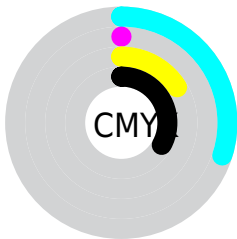
Blue (56%)



Red (47%)

Yellow (60%)

Blue (67%)

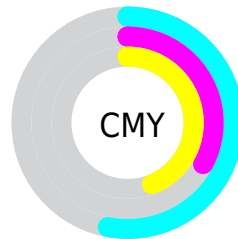


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5590, -4.7126, -28.5542 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 151.5590, -4.7126, -28.5542 by changing the saturation by 10% instead.

■ 151.5590, -4.7126,
-28.5542

■ 151.5590, -4.7126,
-28.5542

255.0000, 0.0000,
0.0000

■ 124.9720, -4.4232,
-28.0394

■ 205.8470, -4.8546,
-29.6838

■ 100.0860, -3.9864,
-28.1394

■ 234.4340, -5.1440,
-30.1986

■ 75.4990, -3.6970,
-27.6246

■ 246.8840, 2.5222,
-15.6843

■ 51.4280, -2.6760,
-28.4394

■ 29.8520, -2.3920,
-26.1802

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 151.5590, -4.7126,
-28.5542

■ 151.5590, -4.7126,
-28.5542

■ 145.4500, -6.1378,
-38.1056

■ 157.6680, -3.2873,
-19.0028

■ 139.2270, -7.9999,
-47.5571

■ 163.8910, -1.4253,
-9.5514

■ 133.1180, -9.4252,
-57.1085

■ 170.0000, 0.0000,
0.0000

■ 127.0090,
-10.8504, -66.6599

■ 176.1090, 1.4253,
9.5514

■ 120.7860,
-12.7125, -76.1113

■ 182.3320, 3.2873,
19.0028

■ 114.6770,
-14.1378, -85.6627

■ 188.4410, 4.7126,
28.5542

■ 108.5680,
-15.5630, -95.2141

■ 194.5500, 6.1378,
38.1056

■ 200.7730, 7.9999,
47.5571

■ 201.7990, 11.9311,
46.6573

Harmonies

Analogous

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



154.6340, -15.1026, -9.3260



151.5590, -4.7126, -28.5542



148.7880, 7.9925, -43.6641

Triad

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



151.5590, -4.7126, -28.5542



158.2210, 21.5830, -15.9798



161.1480, -14.3700, 35.8272

Complementary

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



151.5590, -4.7126, -28.5542



137.4410, 4.7126, 28.5542

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.



162.0800, -4.4764, 35.8868



151.5590, -4.7126, -28.5542



161.5830, 15.9816, 7.3817

Square

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



151.5590, -4.7126, -28.5542



153.3170, 22.5217, -37.1120



162.8860, 6.4652, 26.4100



159.1870, -20.3052, 26.1460

Rectangle

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



151.5590, -4.7126, -28.5542



148.5900, 14.9921, -48.7524



162.8860, 6.4652, 26.4100



161.0710, -10.8810, 36.7717

Sweetspot

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



151.5590, -4.7126, -28.5542



214.7660, -1.8566, -11.1958



157.3090, -18.8863, -9.0410



107.6140, -1.2887, -6.6775



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.



151.5590, -4.7126, -28.5542



193.0640, -7.4266, -44.7831



154.4090, 6.2074, -31.0537



81.1520, -0.5679, -4.5183



94.5140, -13.5644, -82.8888



12.7660, -1.8566, -11.1958

Inverse Universe

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



137.4410, 4.7126, 28.5542



170.9360, 7.4266, 44.7831



134.5910, -6.2074, 31.0537



78.8480, 0.5679, 4.5183



53.4860, 13.5644, 82.8888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 151.5590, -4.7126, -28.5542 looks on a white background.

Color Contrast Check

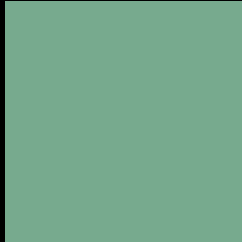
Large Text (above 18pt) WCAG AA × Fail

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 151.5590, -4.7126, -28.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

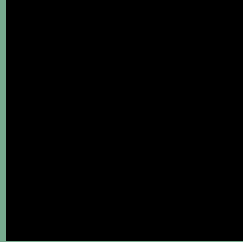
Any Text WCAG AA ✓ Pass

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 151.5590, -4.7126, -28.5542 Background



This preview shows how black text looks on a background with the YUV color 151.5590, -4.7126, -28.5542.



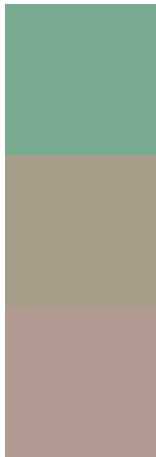
This preview shows how white text looks on a background with the YUV color 151.5590, -4.7126, -28.5542.

-28.5542.

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

151.5590, -4.7126, -28.5542

Protanopia

157.8840, -10.7888, 7.1177

Deuteranopia

159.6770, -6.7428, 16.0693



Tritanopia

154.8210, 11.4272, -25.2760

Trichromacy



Original Color

151.5590, -4.7126, -28.5542

Protanomaly

155.3770, -8.5669, -5.5926

Deuteranomaly

156.8060, -5.8204, 0.1701

Tritanomaly

153.6160, 5.6123, -26.8502

Monochromacy



Original Color

151.5590, -4.7126, -28.5542

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5590, -4.7126, -28.5542 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(119, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(119, 170, 142)  
}
```

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(119, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 170, 142) }
```

Border

The CSS property to change the border of an element to YUV 151.5590, -4.7126, -28.5542 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(119, 170, 142) }
```


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

```
.border{ border-color:rgb(119, 170, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 170, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(119, 170,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 151.5590, -4.7126, -28.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 170, 142) }
```

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

```
.background{ background-color: rgb(119,  
170, 142) }
```

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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