

Converting Colors

YUV(149.5590, -4.7126,
-28.5542)

Have a look what the booklet for
YUV(149.5590, -4.7126, -28.5542)
contains.

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Color

**YUV(149.5590, -4.7126,
-28.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	75A88C
RGB	117, 168, 140
RGB Percent	46%, 66%, 55%
CMY	0.5412, 0.3412, 0.4510
CMYK	0.30, 0.00, 0.17, 0.34
HSL	147°, 23%, 56%
HSV	147°, 30%, 66%
XYZ	26.0724, 33.6806, 29.9378
YIQ	149.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

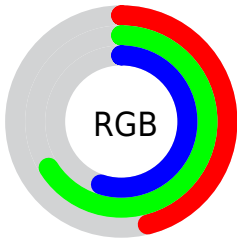
Format	Color
RYB	117, 152, 168
Decimal	7710860
CIELab	64.71, -23.00, 9.10
CIELCh	65, 24.739, 158.417
Yxy	33.6806, 0.2907, 0.3755
Android (android.graphics.Color)	4285900940 (0xFF75A88C)
YUV	149.5590, -4.7126, -28.5542
Hunter-Lab	58.0350, -21.3697, 10.0393

Details

The YUV color $149.5590, -4.7126, -28.5542$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $135.4410, 4.7126, 28.5542$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.8470, -4.8546, -29.6838$, and $98.3850, -4.1338, -27.5246$ is the 20% darker color. If you saturate the color by 10%, you get $143.4500, -6.1378, -38.1056$, and if you desaturate by 10%, it is $155.6680, -3.2873, -19.0028$.

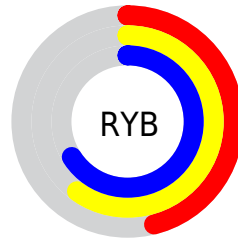
Distribution



Red (46%)

Green (66%)

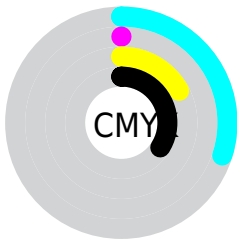
Blue (55%)



Red (46%)

Yellow (60%)

Blue (66%)

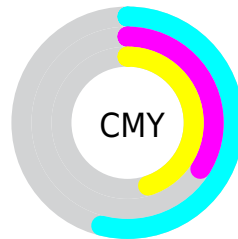


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5590, -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 149.5590, -4.7126, -28.5542 by changing the saturation by 10% instead.

■ 149.5590, -4.7126,
-28.5542

■ 149.5590, -4.7126,
-28.5542

255.0000, 0.0000,
0.0000

■ 122.9720, -4.4232,
-28.0394

■ 203.8470, -4.8546,
-29.6838

■ 98.3850, -4.1338,
-27.5246

■ 232.3200, -5.5808,
-30.0986

■ 73.4990, -3.6970,
-27.6246

■ 245.7590, 2.0908,
-17.3286

■ 49.4280, -2.6760,
-28.4394

■ 28.5640, -2.2501,
-25.0506

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 149.5590, -4.7126,
-28.5542

■ 149.5590, -4.7126,
-28.5542

■ 143.4500, -6.1378,
-38.1056

■ 155.6680, -3.2873,
-19.0028

■ 137.3410, -7.5631,
-47.6571

■ 161.7770, -1.8621,
-9.4514

■ 131.4170, -9.5726,
-56.4937

■ 167.7010, 0.1474,
-0.6148

■ 125.3080,
-10.9978, -66.0451

■ 173.8100, 1.5727,
8.9366

■ 119.1990,
-12.4231, -75.5965

■ 179.9190, 2.9979,
18.4880

■ 113.0900,
-13.8484, -85.1479

■ 186.0280, 4.4232,
28.0394

■ 107.2800,
-15.4210, -94.0846

■ 192.2510, 6.2853,
37.4909

■ 198.0610, 7.8579,
46.4275

■ 200.2830, 11.1995,
47.9868

Harmonies

Analogous

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



152.6340, -15.1026, -9.3260



149.5590, -4.7126, -28.5542



146.7880, 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.



149.5590, -4.7126, -28.5542



156.2210, 21.5830, -15.9798



158.9630, -13.7858, 35.1124

Complementary

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



149.5590, -4.7126, -28.5542



135.4410, 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.



160.0800, -4.4764, 35.8868



149.5590, -4.7126, -28.5542



159.5830, 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.



149.5590, -4.7126, -28.5542



151.0180, 22.6691, -37.7268



160.8860, 6.4652, 26.4100



157.1870, -20.3052, 26.1460

Rectangle

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



149.5590, -4.7126, -28.5542



146.5900, 14.9921, -48.7524



160.8860, 6.4652, 26.4100



159.0710, -10.8810, 36.7717

Sweetspot

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



149.5590, -4.7126, -28.5542



212.0650, -2.0040, -10.5810



155.3090, -18.8863, -9.0410



105.6140, -1.2887, -6.6775



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.5590, -4.7126, -28.5542



190.4770, -7.1372, -44.2683



152.4090, 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.



135.4410, 4.7126, 28.5542



168.6370, 7.5740, 44.1684



132.5910, -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 149.5590, -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 149.5590, -4.7126, -28.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

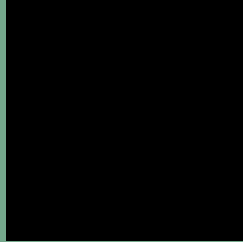
Any Text WCAG AA ✓ Pass

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 149.5590, -4.7126, -28.5542 Background



This preview shows how black text looks on a background with the YUV color 149.5590, -4.7126, -28.5542.

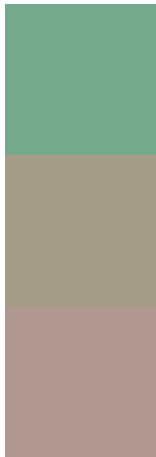


This preview shows how white text looks on a background with the YUV color 149.5590, -4.7126, -28.5542.

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

149.5590, -4.7126, -28.5542

Protanopia

155.8840, -10.7888, 7.1177

Deuteranopia

157.6770, -6.7428, 16.0693



Tritanopia

152.8210, 11.4272, -25.2760

Trichromacy



Original Color

149.5590, -4.7126, -28.5542

Protanomaly

153.3770, -8.5669, -5.5926

Deuteranomaly

154.8060, -5.8204, 0.1701

Tritanomaly

151.6160, 5.6123, -26.8502

Monochromacy



Original Color

149.5590, -4.7126, -28.5542

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5590, -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(117, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(117, 168, 140)  
}
```

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(117, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 168, 140) }
```

Border

The CSS property to change the border of an element to YUV 149.5590, -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(117, 168, 140) }
```


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

```
.border{ border-color:rgb(117, 168, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 168, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 168, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 168, 140); box-shadow:4px 4px 4px 4px rgb(117, 168, 140) }
```

Background

The CSS property to change the background color of an element to YUV 149.5590, -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(117, 168, 140) }
```

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

```
.background{ background-color: rgb(117,  
168, 140) }
```

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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