

Converting Colors

YUV(158.6590, 7.0701,
-27.7649)

Have a look what the booklet for
YUV(158.6590, 7.0701, -27.7649)
contains.

YUV(158.6590, 7.0701, -27.7649)	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(158.6590, 7.0701,
-27.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	7FACAD
RGB	127, 172, 173
RGB Percent	50%, 67%, 68%
CMY	0.5020, 0.3255, 0.3216
CMYK	0.27, 0.01, 0.00, 0.32
HSL	181°, 22%, 59%
HSV	181°, 27%, 68%
XYZ	31.0477, 37.0342, 45.0471
YIQ	158.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

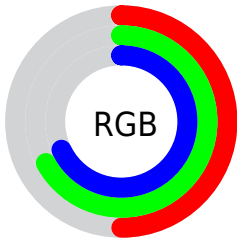
Format	Color
RYB	127, 150, 173
Decimal	8367277
CIELab	67.30, -14.71, -5.40
CIElCh	67, 15.673, 200.161
Yxy	37.0342, 0.2744, 0.3274
Android (android.graphics.Color)	4286557357 (0xFF7FACAD)
YUV	158.6590, 7.0701, -27.7649
Hunter-Lab	60.8557, -15.4293, -1.2891

Details

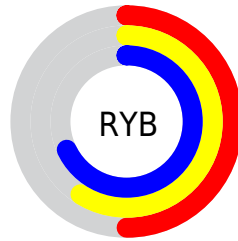
The YUV color **158.6590, 7.0701, -27.7649** is a light color, and the websafe version is hex **669999**. A complement of this color would be **141.3410, -7.0701, 27.7649**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3600, 7.2175, -28.3797**, and **106.9580, 6.9227, -27.1502** is the 20% darker color. If you saturate the color by 10%, you get **153.5760, 9.5760, -38.2162**, and if you desaturate by 10%, it is **163.7420, 4.5642, -17.3137**.

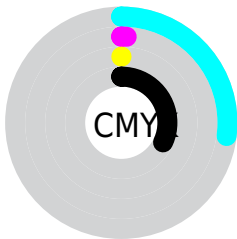
Distribution



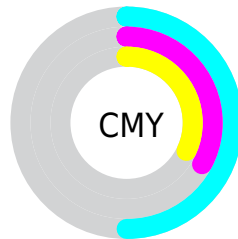
- Red (50%)
- Green (67%)
- Blue (68%)



- Red (50%)
- Yellow (59%)
- Blue (68%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6590, 7.0701, -27.7649 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 158.6590, 7.0701, -27.7649 by changing the saturation by 10% instead.

■ 158.6590, 7.0701,
-27.7649

■ 158.6590, 7.0701,
-27.7649

255.0000, 0.0000,
0.0000

■ 131.9580, 6.9227,
-27.1502

■ 213.3600, 7.2175,
-28.3797

■ 106.9580, 6.9227,
-27.1502

■ 241.2460, 6.7807,
-28.2797

■ 81.9580, 6.9227,
-27.1502

■ 249.9170, 2.5059,
-10.4512

■ 57.6590, 7.0701,
-27.7649

■ 33.8760, 7.9491,
-29.7093

■ 19.7420, 4.5642,
-17.3137

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 158.6590, 7.0701,
-27.7649

■ 158.6590, 7.0701,
-27.7649

■ 153.5760, 9.5760,
-38.2162

■ 163.7420, 4.5642,
-17.3137

■ 147.6070, 12.5187,
-48.7673

■ 169.7110, 1.6215,
-6.7625

■ 142.5240, 15.0247,
-59.2185

■ 174.7940, -0.8844,
3.6887

■ 136.8540, 17.8200,
-69.1550

■ 180.4640, -3.6798,
13.6251

■ 131.4720, 20.4733,
-80.2209

■ 185.8460, -6.3331,
24.6911

■ 126.3890, 22.9792,
-90.6722

■ 190.9290, -8.8390,
35.1423

■ 120.7190, 25.7745,
-100.6086

■ 196.5990,
-11.6343, 45.0787

■ 118.9250, 26.6590,
-104.2972

■ 198.6920,
-12.6662, 49.3821

Harmonies

Analogous

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



159.4550, -0.2243, -21.4470



158.6590, 7.0701, -27.7649



159.7500, 12.4482, -26.0907

Triad

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



158.6590, 7.0701, -27.7649



166.1290, 7.8244, 10.4109



163.8310, -13.7207, 14.1802

Complementary

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



158.6590, 7.0701, -27.7649



141.3410, -7.0701, 27.7649

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.



165.2710, -10.9796, 21.6873



158.6590, 7.0701, -27.7649



166.4740, 1.2453, 20.6323

Square

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



158.6590, 7.0701, -27.7649



164.8930, 12.3778, -3.4142



166.0740, -5.4595, 24.4911



162.3950, -12.5197, 2.2846

Rectangle

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



158.6590, 7.0701, -27.7649



161.2390, 14.1792, -21.2576



166.0740, -5.4595, 24.4911



164.6680, -13.1473, 16.9542

Sweetspot

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



158.6590, 7.0701, -27.7649



218.6180, 2.6533, -11.0660



154.1160, -12.8752, -23.7807



108.7110, 1.6215, -6.7625



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.



158.6590, 7.0701, -27.7649



202.1840, 10.7553, -43.1344



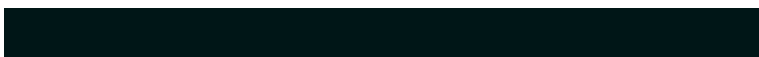
145.1580, 13.7261, -15.9246



84.3090, 1.3267, -5.5330



103.3890, 22.9792, -90.6722



15.5360, 3.6798, -13.6251

Inverse Universe

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



145.8840, 12.8752, 23.7807



182.2090, 20.1100, 36.6507



154.8420, -13.7261, 15.9246



81.7170, 2.6045, 4.6332



61.6080, 42.0983, 77.5198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 158.6590, 7.0701, -27.7649 looks on a white background.

Color Contrast Check

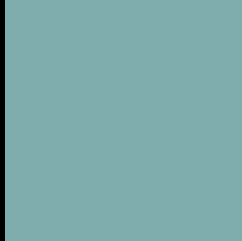
Large Text (above 18pt) WCAG AA × Fail

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 158.6590, 7.0701, -27.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

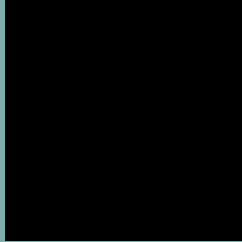
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6590, 7.0701, -27.7649

Background



This preview shows how black text looks on a background with the YUV color 158.6590, 7.0701, -27.7649.



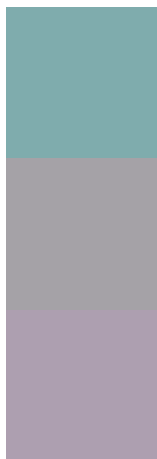
This preview shows how white text looks on a background with the YUV color 158.6590, 7.0701, -27.7649.

-27.7649.

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

158.6590, 7.0701, -27.7649

Protanopia

163.4670, 1.7418, 1.3444

Deuteranopia

165.1240, 5.3619, 6.9073



Tritanopia

159.3370, 12.1589, -26.6055

Trichromacy



Original Color

158.6590, 7.0701, -27.7649

Protanomaly

161.8570, 3.5215, -9.5216

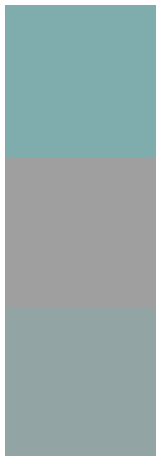
Deuteranomaly

162.8620, 5.9840, -6.0180

Tritanomaly

159.1690, 10.2697, -27.3352

Monochromacy



Original Color

158.6590, 7.0701, -27.7649

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6590, 7.0701, -27.7649 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(127, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(127, 172, 173)  
}
```

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(127, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 172, 173) }
```

Border

The CSS property to change the border of an element to YUV 158.6590, 7.0701, -27.7649 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(127, 172, 173) }
```


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

```
.border{ border-color:rgb(127, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(127, 172,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 158.6590, 7.0701, -27.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 172, 173) }
```

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

```
.background{ background-color: rgb(127,  
172, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor