

Converting Colors

YUV(159.7430, -0.3663,
-22.5766)

Have a look what the booklet for
YUV(159.7430, -0.3663, -22.5766)
contains.

YUV(159.7430, -0.3663, -22.5766)	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(159.7430, -0.3663,
-22.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	86AD9F
RGB	134, 173, 159
RGB Percent	53%, 68%, 62%
CMY	0.4745, 0.3216, 0.3765
CMYK	0.23, 0.00, 0.08, 0.32
HSL	158°, 19%, 60%
HSV	158°, 23%, 68%
XYZ	31.0331, 37.4587, 38.3955
YIQ	159.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

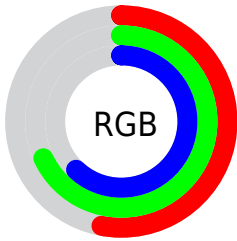
Format	Color
RYB	134, 158, 173
Decimal	8826271
CIELab	67.62, -16.13, 2.87
CIELCh	68, 16.388, 169.901
Yxy	37.4587, 0.2903, 0.3505
Android (android.graphics.Color)	4287016351 (0xFF86AD9F)
YUV	159.7430, -0.3663, -22.5766
Hunter-Lab	61.2035, -16.5981, 5.6473

Details

The YUV color **159.7430, -0.3663, -22.5766** is a light color, and the websafe version is hex **669999**. A complement of this color would be **147.2570, 0.3663, 22.5766**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0310, -0.5083, -23.7062**, and **108.1560, -0.0769, -22.0618** is the 20% darker color. If you saturate the color by 10%, you get **153.9760, -0.4812, -32.4280**, and if you desaturate by 10%, it is **165.5100, -0.2514, -12.7253**.

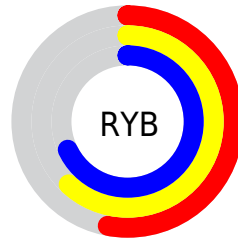
Distribution



Red (53%)

Green (68%)

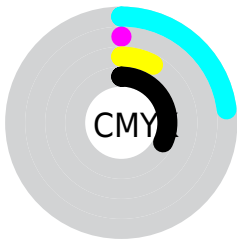
Blue (62%)



Red (53%)

Yellow (62%)

Blue (68%)

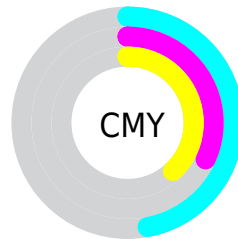


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7430, -0.3663, -22.5766 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 159.7430, -0.3663, -22.5766 by changing the saturation by 10% instead.


 159.7430, -0.3663,
-22.5766

 159.7430, -0.3663,
-22.5766


255.0000, 0.0000,
0.0000


 133.1560, -0.0769,
-22.0618

 215.0310, -0.5083,
-23.7062


 108.1560, -0.0769,
-22.0618


 241.8570, 0.0705,
-22.6766

 83.4550, -0.2243,
-21.4470

 251.7110, 1.6215,
-6.7625

 59.8680, 0.0651,
-20.9322

 37.0960, 0.9387,
-21.1322

 19.0750, -0.5300,
-16.7288

 0.0000, 0.0000,

0.0000

■ 159.7430, -0.3663,
-22.5766

■ 159.7430, -0.3663,
-22.5766

■ 153.9760, -0.4812,
-32.4280

■ 165.5100, -0.2514,
-12.7253

■ 147.9100, -0.4486,
-42.8941

■ 171.5760, -0.2840,
-2.2592

■ 142.0290, -1.0003,
-52.6454

■ 177.4570, 0.2677,
7.4922

■ 136.2620, -1.1152,
-62.4968

■ 183.2240, 0.3826,
17.3436

■ 130.1960, -1.0826,
-72.9629

■ 189.2900, 0.3500,
27.8097

■ 124.4290, -1.1975,
-82.8142

■ 195.0570, 0.4649,
37.6610

■ 118.6620, -1.3124,
-92.6656

■ 200.8240, 0.5798,
47.5124

■ 114.2050, -1.5801,
-100.1578

■ 201.6220, 3.6374,
46.8125

■ 202.3060, 6.2581,
46.2126

Harmonies

Analogous

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



161.4580, -8.1138, -10.9257



159.7430, -0.3663, -22.5766



159.0610, 7.3649, -28.9945

Triad

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



159.7430, -0.3663, -22.5766



165.7080, 12.9620, -4.1289



165.8690, -11.2744, 22.9169

Complementary

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



159.7430, -0.3663, -22.5766



147.2570, 0.3663, 22.5766

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.



167.2590, -6.0437, 25.2059



159.7430, -0.3663, -22.5766



167.2430, 8.2612, 10.3109

Square

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



159.7430, -0.3663, -22.5766



163.0760, 14.7525, -18.4837



167.7730, 1.0979, 21.2471



164.7170, -14.1575, 14.2802

Rectangle

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



159.7430, -0.3663, -22.5766



159.5000, 11.5855, -29.3795



167.7730, 1.0979, 21.2471



166.2220, -9.9694, 24.3613

Sweetspot

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



159.7430, -0.3663, -22.5766



218.9450, 0.0271, -8.7218



161.0790, -13.3499, -11.4703



108.9670, 0.0163, -5.2331



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.



159.7430, -0.3663, -22.5766



203.6660, -0.3283, -34.7871



158.4040, 7.1958, -21.4023



83.9670, 0.0163, -5.2331



98.9940, -1.4760, -86.8177



15.2110, -0.1040, -13.3400

Inverse Universe

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



147.2570, 0.3663, 22.5766



184.4480, 0.7651, 34.6871



148.5960, -7.1958, 21.4023



81.0330, -0.0163, 5.2331



51.0060, 1.4760, 86.8177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 159.7430, -0.3663, -22.5766 looks on a white background.

Color Contrast Check

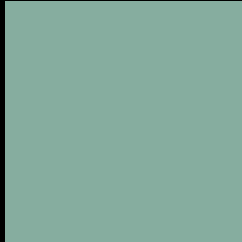
Large Text (above 18pt) WCAG AA × Fail

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 159.7430, -0.3663, -22.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

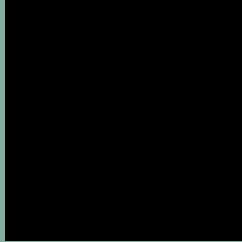
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

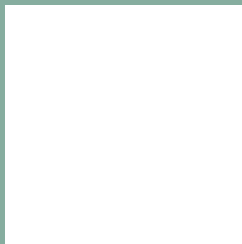
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.7430, -0.3663, -22.5766

Background



This preview shows how black text looks on a background with the YUV color 159.7430, -0.3663, -22.5766.

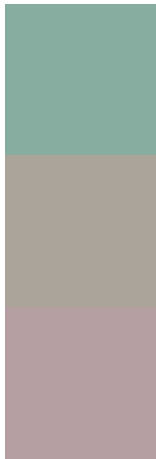


This preview shows how white text looks on a background with the YUV color 159.7430, -0.3663, -22.5766.

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

159.7430, -0.3663, -22.5766

Protanopia

164.6540, -5.2524, 4.6884

Deuteranopia

165.9200, -1.9326, 13.2252



Tritanopia

161.6260, 10.5374, -19.8430

Trichromacy



Original Color

159.7430, -0.3663, -22.5766

Protanomaly

162.7560, -3.3307, -5.0480

Deuteranomaly

163.6580, -1.3104, 0.2999

Tritanomaly

160.5890, 6.6116, -20.6876

Monochromacy



Original Color

159.7430, -0.3663, -22.5766

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2440, -0.1203, -8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7430, -0.3663, -22.5766 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(134, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 159)  
}
```

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(134, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 159) }
```

Border

The CSS property to change the border of an element to YUV 159.7430, -0.3663, -22.5766 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(134, 173, 159) }
```


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

```
.border{ border-color:rgb(134, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 159.7430, -0.3663, -22.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 159) }
```

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

```
.background{ background-color: rgb(134,  
173, 159) }
```

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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