

Converting Colors

YUV(159.5150, 15.5221,
-32.0237)

Have a look what the booklet for
YUV(159.5150, 15.5221, -32.0237)
contains.

YUV(159.5150, 15.5221, -32.0237)	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(159.5150, 15.5221,
-32.0237)**

Conversions

Conversions Part 1

Format	Color
Hex	7BACBF
RGB	123, 172, 191
RGB Percent	48%, 67%, 75%
CMY	0.5176, 0.3255, 0.2510
CMYK	0.36, 0.10, 0.00, 0.25
HSL	197°, 35%, 62%
HSV	197°, 36%, 75%
XYZ	32.3249, 37.4776, 54.8204
YIQ	159.5150, -35.3030, -4.4790

Conversions

Conversions Part 2

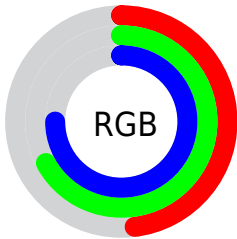
Format	Color
RYB	123, 151, 191
Decimal	8105151
CIELab	67.63, -11.48, -14.91
CIELCh	68, 18.820, 232.403
Yxy	37.4776, 0.2594, 0.3007
Android (android.graphics.Color)	4286295231 (0xFF7BACBF)
YUV	159.5150, 15.5221, -32.0237
Hunter-Lab	61.2189, -12.8814, -10.2398

Details

The YUV color **159.5150, 15.5221, -32.0237** is a light color, and the websafe version is hex **669999**. A complement of this color would be **154.4850, -15.5221, 32.0237**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6290, 15.9589, -32.1236**, and **107.4010, 15.0853, -31.9237** is the 20% darker color. If you saturate the color by 10%, you get **150.8990, 19.7698, -41.1304**, and if you desaturate by 10%, it is **168.1310, 11.2744, -22.9169**.

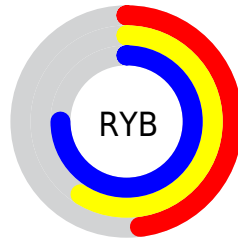
Distribution



Red (48%)

Green (67%)

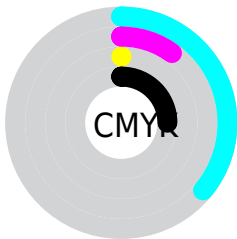
Blue (75%)



Red (48%)

Yellow (59%)

Blue (75%)

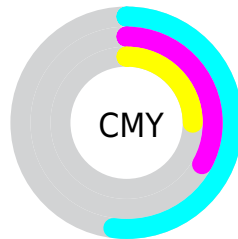


Cyan (36%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5150, 15.5221, -32.0237 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 159.5150, 15.5221, -32.0237 by changing the saturation by 10% instead.

■ 159.5150, 15.5221,
-32.0237

■ 159.5150, 15.5221,
-32.0237

255.0000, 0.0000,
0.0000

■ 132.8140, 15.3747,
-31.4089

■ 214.6290, 15.9589,
-32.1236

■ 107.4010, 15.0853,
-31.9237

■ 240.3490, 7.2229,
-30.1241

■ 81.6890, 14.9433,
-33.0533

■ 249.0200, 2.9481,
-12.2955

■ 55.5960, 15.9752,
-37.3567

■ 36.0590, 13.7749,
-31.6237

■ 21.2240, 10.2426,
-18.6134

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 159.5150, 15.5221,
-32.0237

■ 159.5150, 15.5221,
-32.0237

■ 150.8990, 19.7698,
-41.1304

■ 168.1310, 11.2744,
-22.9169

■ 141.6960, 24.3069,
-49.7224

■ 177.3340, 6.7373,
-14.3249

■ 133.0800, 28.5546,
-58.8292

■ 185.9500, 2.4897,
-5.2181

■ 124.4640, 32.8022,
-67.9359

■ 194.5660, -1.7580,
3.8886

■ 115.2610, 37.3393,
-76.5279

■ 204.0680, -6.4425,
13.0954

■ 106.3460, 41.7344,
-86.2494

■ 212.6840,
-10.6902, 22.2021

■ 102.7800, 43.4925,
-90.1381

■ 220.7020,
-14.6431, 30.0793

■ 224.2240,
-16.3794, 26.9906

■ 227.1590,
-17.8264, 24.4166

Harmonies

Analogous

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



157.8970, 9.4178, -34.1127



159.5150, 15.5221, -32.0237



163.0480, 17.2313, -20.2131

Triad

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



159.5150, 15.5221, -32.0237



167.7950, 1.0871, 24.7358



162.8140, -14.6983, 1.0401

Complementary

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



159.5150, 15.5221, -32.0237



154.4850, -15.5221, 32.0237

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.



164.4460, -16.4889, 15.3949



159.5150, 15.5221, -32.0237



167.0530, -6.9281, 28.8945

Square

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



159.5150, 15.5221, -32.0237



167.4930, 9.1240, 13.5996



166.3100, -13.4638, 25.1611



160.7350, -8.2504, -13.7996

Rectangle

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



159.5150, 15.5221, -32.0237



165.1850, 16.1778, -8.9322



166.3100, -13.4638, 25.1611



163.6190, -15.5882, 6.4731

Sweetspot

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



159.5150, 15.5221, -32.0237



234.8180, 6.0057, -12.9954



164.9680, -11.8162, -36.8059



117.2810, 3.8055, -7.2624



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.5150, 15.5221, -32.0237



198.2830, 24.0175, -50.2372



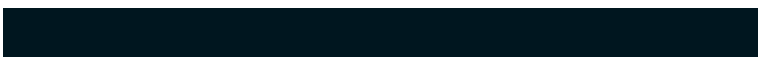
140.1440, 25.0720, -15.0353



90.1350, 1.9054, -4.5034



84.9300, 36.0235, -74.4836



16.4480, 7.1741, -14.4249

Inverse Universe

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



148.9180, 11.3794, 36.9059



181.4720, 18.0083, 57.4681



173.8560, -25.0720, 15.0353



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 159.5150, 15.5221, -32.0237 looks on a white background.

Color Contrast Check

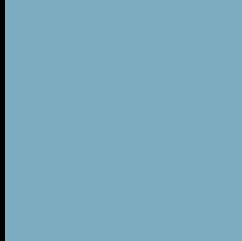
Large Text (above 18pt) WCAG AA × Fail

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 159.5150, 15.5221, -32.0237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

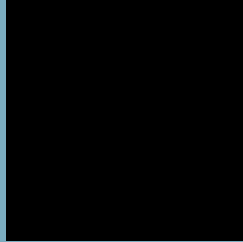
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.5150, 15.5221, -32.0237

Background



This preview shows how black text looks on a background with the YUV color 159.5150, 15.5221, -32.0237.



This preview shows how white text looks on a background with the YUV color 159.5150, 15.5221, -32.0237.

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

159.5150, 15.5221, -32.0237

Protanopia

164.9100, 9.9044, -3.4291

Deuteranopia

165.5560, 13.5299, 0.3894



Tritanopia

159.3470, 13.6329, -32.7533

Trichromacy



Original Color

159.5150, 15.5221, -32.0237

Protanomaly

162.7130, 11.9735, -13.7803

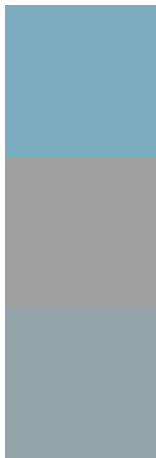
Deuteranomaly

163.0060, 14.2940, -11.4063

Tritanomaly

159.4610, 14.0697, -32.8533

Monochromacy



Original Color

159.5150, 15.5221, -32.0237

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5150, 15.5221, -32.0237 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(123, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(123, 172, 191)  
}
```

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(123, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 172, 191) }
```

Border

The CSS property to change the border of an element to YUV 159.5150, 15.5221, -32.0237 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(123, 172, 191) }
```


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

```
.border{ border-color:rgb(123, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(123, 172,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 159.5150, 15.5221, -32.0237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 172, 191) }
```

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

```
.background{ background-color: rgb(123,  
172, 191) }
```

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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