

Converting Colors

YUV(151.7940, 8.9756,
-32.2683)

Have a look what the booklet for
YUV(151.7940, 8.9756, -32.2683)
contains.

YUV(151.7940, 8.9756, -32.2683)	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(151.7940, 8.9756,
-32.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	73A7AA
RGB	115, 167, 170
RGB Percent	45%, 65%, 67%
CMY	0.5490, 0.3451, 0.3333
CMYK	0.32, 0.02, 0.00, 0.33
HSL	183°, 24%, 56%
HSV	183°, 32%, 67%
XYZ	28.1446, 34.1846, 43.1451
YIQ	151.7940, -31.9550, -10.0910

Conversions

Conversions Part 2

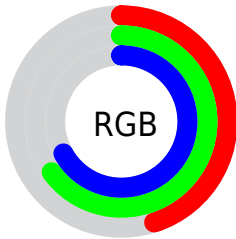
Format	Color
RYB	115, 142, 170
Decimal	7579562
CIELab	65.11, -16.34, -7.06
CIElCh	65, 17.801, 203.355
Yxy	34.1846, 0.2668, 0.3241
Android (android.graphics.Color)	4285769642 (0xFF73A7AA)
YUV	151.7940, 8.9756, -32.2683
Hunter-Lab	58.4676, -16.3933, -2.8247

Details

The YUV color **151.7940, 8.9756, -32.2683** is a light color, and the websafe version is hex **669999**. A complement of this color would be **133.2060, -8.9756, 32.2683**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4950, 9.1230, -32.8831**, and **99.7940, 8.9756, -32.2683** is the 20% darker color. If you saturate the color by 10%, you get **146.1240, 11.7709, -42.2047**, and if you desaturate by 10%, it is **157.4640, 6.1802, -22.3319**.

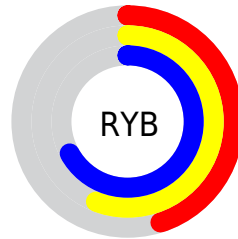
Distribution



Red (45%)

Green (65%)

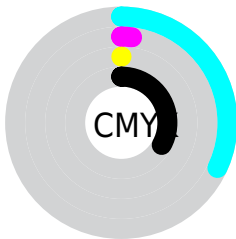
Blue (67%)



Red (45%)

Yellow (56%)

Blue (67%)

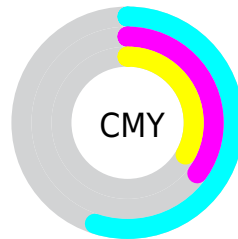


Cyan (32%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7940, 8.9756, -32.2683 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 151.7940, 8.9756, -32.2683 by changing the saturation by 10% instead.

■ 151.7940, 8.9756,
-32.2683

■ 151.7940, 8.9756,
-32.2683

255.0000, 0.0000,
0.0000

■ 125.7940, 8.9756,
-32.2683

■ 206.4950, 9.1230,
-32.8831

■ 99.7940, 8.9756,
-32.2683

■ 235.1960, 9.2704,
-33.4979

■ 74.7940, 8.9756,
-32.2683

■ 246.0300, 4.4222,
-18.4433

■ 49.4020, 10.1548,
-37.1866

254.7010, 0.1474,
-0.6148

■ 31.1860, 7.7963,
-27.3501

■ 17.7530, 4.5588,
-15.5694

■ 0.0000, 0.0000,

0.0000

■ 151.7940, 8.9756,
-32.2683

■ 151.7940, 8.9756,
-32.2683

■ 146.1240, 11.7709,
-42.2047

■ 157.4640, 6.1802,
-22.3319

■ 140.4540, 14.5662,
-52.1412

■ 163.1340, 3.3849,
-12.3955

■ 134.7840, 17.3615,
-62.0776

■ 168.8040, 0.5896,
-2.4591

■ 129.1140, 20.1568,
-72.0140

■ 174.4740, -2.2057,
7.4773

■ 123.4440, 22.9521,
-81.9504

■ 180.1440, -5.0010,
17.4137

■ 117.7740, 25.7474,
-91.8868

■ 185.8140, -7.7963,
27.3501

■ 113.8870, 27.6637,
-99.8789

■ 190.8970,
-10.3022, 37.8013

■ 196.5670,
-13.0975, 47.7377

■ 198.3500,
-13.9765, 49.6821

Harmonies

Analogous

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



152.3620, 0.8075, -25.7505



151.7940, 8.9756, -32.2683



153.2980, 14.6431, -30.0793

Triad

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



151.7940, 8.9756, -32.2683



160.5530, 8.1084, 12.6700



158.0760, -15.3205, 13.9653

Complementary

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



151.7940, 8.9756, -32.2683



133.2060, -8.9756, 32.2683

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.



159.4130, -13.0216, 23.3168



151.7940, 8.9756, -32.2683



160.9690, 0.5083, 23.7062

Square

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



151.7940, 8.9756, -32.2683



158.9470, 13.8301, -2.5845



160.0420, -6.9227, 27.1502



156.1560, -13.3879, 0.7402

Rectangle

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



151.7940, 8.9756, -32.2683



155.0970, 16.2212, -22.8871



160.0420, -6.9227, 27.1502



158.5110, -15.0419, 17.9689

Sweetspot

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



151.7940, 8.9756, -32.2683



214.8350, 3.5323, -13.0103



147.6270, -14.6061, -28.6139



107.5260, 2.2057, -7.4773



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.



151.7940, 8.9756, -32.2683



193.0520, 14.2714, -50.9116



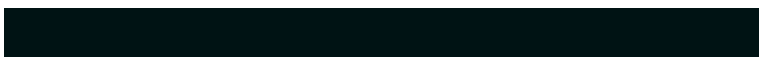
135.9450, 16.7891, -18.3688



81.6080, 1.1793, -4.9182



99.0520, 24.1314, -86.8686



13.4330, 3.2375, -11.7807

Inverse Universe

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



137.3730, 14.6061, 28.6139



170.3610, 22.9930, 45.2874



149.0550, -16.7891, 18.3688



79.3040, 2.3151, 4.1184



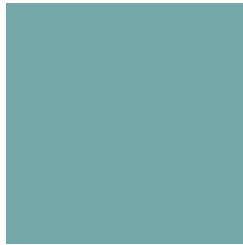
60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 151.7940, 8.9756, -32.2683 looks on a white background.

Color Contrast Check

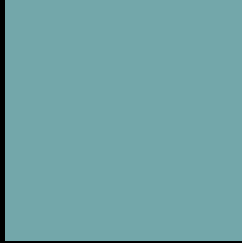
Large Text (above 18pt) WCAG AA × Fail

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 151.7940, 8.9756, -32.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

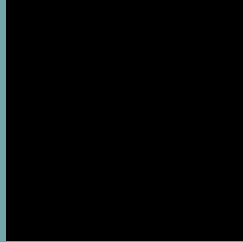
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.7940, 8.9756, -32.2683

Background



This preview shows how black text looks on a background with the YUV color 151.7940, 8.9756, -32.2683.



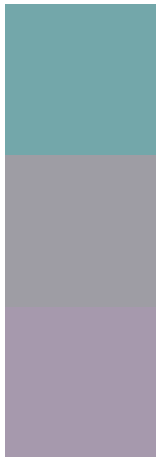
This preview shows how white text looks on a background with the YUV color 151.7940, 8.9756,

-32.2683.

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

151.7940, 8.9756, -32.2683

Protanopia

158.0970, 2.9102, -0.0851

Deuteranopia

159.1670, 6.8197, 5.9925



Tritanopia

152.8310, 12.9013, -31.4238

Trichromacy



Original Color

151.7940, 8.9756, -32.2683

Protanomaly

155.8890, 4.9847, -12.1807

Deuteranomaly

156.3070, 7.7366, -8.1622

Tritanomaly

152.1900, 11.7383, -31.7386

Monochromacy



Original Color

151.7940, 8.9756, -32.2683

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7940, 8.9756, -32.2683 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(115, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(115, 167, 170)  
}
```

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(115, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 167, 170) }
```

Border

The CSS property to change the border of an element to YUV 151.7940, 8.9756, -32.2683 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(115, 167, 170) }
```


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

```
.border{ border-color:rgb(115, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(115, 167,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 151.7940, 8.9756, -32.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 167, 170) }
```

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

```
.background{ background-color: rgb(115,  
167, 170) }
```

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