

Converting Colors

YUV(152.2980, 11.1921,
-43.2343)

Have a look what the booklet for
YUV(152.2980, 11.1921, -43.2343)
contains.

YUV(152.2980, 11.1921, -43.2343)	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(152.2980, 11.1921,
-43.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	67ADAF
RGB	103, 173, 175
RGB Percent	40%, 68%, 69%
CMY	0.5961, 0.3216, 0.3137
CMYK	0.41, 0.01, 0.00, 0.31
HSL	182°, 31%, 55%
HSV	182°, 41%, 69%
XYZ	28.2750, 35.8659, 45.9900
YIQ	152.2980, -42.3620, -14.2180

Conversions

Conversions Part 2

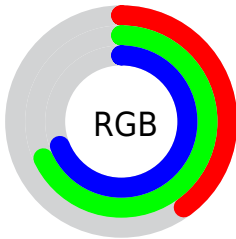
Format	Color
RYB	103, 138, 175
Decimal	6794671
CIELab	66.42, -21.47, -7.96
CIElCh	66, 22.897, 200.346
Yxy	35.8659, 0.2567, 0.3257
Android (android.graphics.Color)	4284984751 (0xFF67ADAF)
YUV	152.2980, 11.1921, -43.2343
Hunter-Lab	59.8881, -20.5290, -3.6090

Details

The YUV color **152.2980, 11.1921, -43.2343** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.7020, -11.1921, 43.2343**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8850, 10.9027, -43.7491**, and **98.8140, 11.9237, -44.5639** is the 20% darker color. If you saturate the color by 10%, you get **147.2150, 13.6980, -53.6856**, and if you desaturate by 10%, it is **157.6800, 8.5388, -32.1684**.

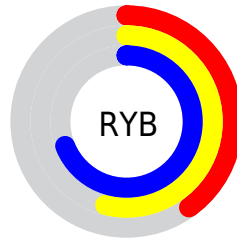
Distribution



Red (40%)

Green (68%)

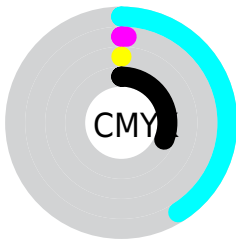
Blue (69%)



Red (40%)

Yellow (54%)

Blue (69%)

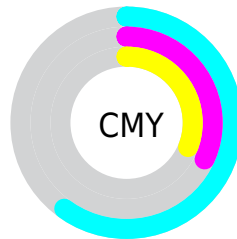


Cyan (41%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2980, 11.1921, -43.2343 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 152.2980, 11.1921, -43.2343 by changing the saturation by 10% instead.

■ 152.2980, 11.1921,
-43.2343

■ 152.2980, 11.1921,
-43.2343

■ 255.0000, 0.0000,
0.0000

■ 125.2980, 11.1921,
-43.2343

■ 207.8850, 10.9027,
-43.7491

■ 98.8140, 11.9237,
-44.5639

■ 234.3690, 10.1711,
-42.4196

■ 71.1230, 13.2504,
-50.0969

■ 243.0400, 5.8963,
-24.5911

■ 50.1130, 11.7763,
-43.9491

■ 251.7110, 1.6215,
-6.7625

■ 34.5770, 8.0965,
-30.3240

■ 20.4430, 4.7116,
-17.9285

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 152.2980, 11.1921,
-43.2343

■ 152.2980, 11.1921,
-43.2343

■ 147.2150, 13.6980,
-53.6856

■ 157.6800, 8.5388,
-32.1684

■ 141.2460, 16.6407,
-64.2367

■ 163.3500, 5.7435,
-22.2319

■ 136.1630, 19.1466,
-74.6880

■ 168.7320, 3.0901,
-11.1660

■ 130.1940, 22.0894,
-85.2391

■ 174.4020, 0.2948,
-1.2296

■ 125.1110, 24.5953,
-95.6903

■ 179.7840, -2.3585,
9.8364

■ 119.7400, 27.2432,
-105.0120

■ 185.4540, -5.1538,
19.7728

■ 190.8360, -7.8071,
30.8388

■ 196.5060,
-10.6025, 40.7752

■ 200.0940,
-12.3713, 48.1526

Harmonies

Analogous

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



154.0900, -0.0444, -32.5279



152.2980, 11.1921, -43.2343



153.6710, 18.8962, -40.9305

Triad

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



152.2980, 11.1921, -43.2343



165.0740, 11.3025, 14.8441



161.2570, -19.8467, 19.0686

Complementary

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



152.2980, 11.1921, -43.2343



125.7020, -11.1921, 43.2343

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.



162.7730, -15.6641, 30.8941



152.2980, 11.1921, -43.2343



164.7570, 2.0918, 29.1541

Square

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



152.2980, 11.1921, -43.2343



162.7770, 18.3509, -5.9434



164.1570, -7.9654, 34.9423



159.3150, -17.9033, 2.3547

Rectangle

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



152.2980, 11.1921, -43.2343



156.4100, 21.4899, -32.8086



164.1570, -7.9654, 34.9423



162.1050, -19.2788, 23.5869

Sweetspot

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



152.2980, 11.1921, -43.2343



218.3400, 4.2694, -16.0842



145.3780, -20.3994, -37.1655



109.6290, 2.6479, -9.3216



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



152.2980, 11.1921, -43.2343



192.0500, 17.2303, -66.6959



131.7530, 21.3208, -25.2164



83.7220, 1.6161, -5.0182



102.8020, 23.2686, -90.1574



15.5360, 3.6798, -13.6251

Inverse Universe

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



132.5080, 19.9626, 37.2655



161.5010, 30.8120, 57.4426



146.2470, -21.3208, 25.2164



81.6030, 2.1677, 4.7332



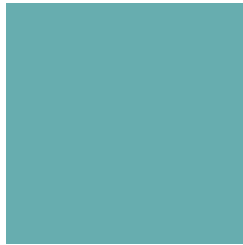
61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 152.2980, 11.1921, -43.2343 looks on a white background.

Color Contrast Check

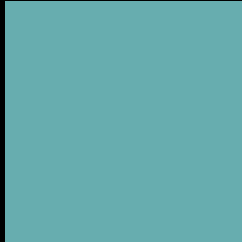
Large Text (above 18pt) WCAG AA × Fail

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 152.2980, 11.1921, -43.2343 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

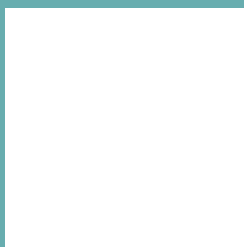
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.2980, 11.1921, -43.2343

Background



This preview shows how black text looks on a background with the YUV color 152.2980, 11.1921, -43.2343.



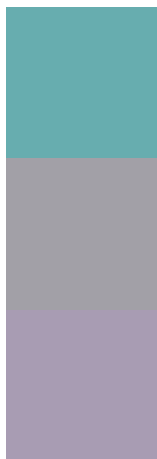
This preview shows how white text looks on a background with the YUV color 152.2980, 11.1921, -43.2343.

-43.2343.

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

152.2980, 11.1921, -43.2343

Protanopia

161.3960, 2.7628, 0.5297

Deuteranopia

162.2100, 8.2775, 5.0778



Tritanopia

153.1610, 15.6966, -41.3602

Trichromacy



Original Color

152.2980, 11.1921, -43.2343

Protanomaly

158.3940, 5.7218, -15.2545

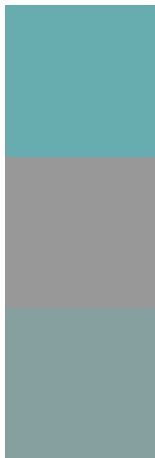
Deuteranomaly

158.4420, 9.6421, -12.6656

Tritanomaly

152.9930, 13.8075, -42.0899

Monochromacy



Original Color

152.2980, 11.1921, -43.2343

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2980, 11.1921, -43.2343 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(103, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(103, 173, 175)  
}
```

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(103, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 173, 175) }
```

Border

The CSS property to change the border of an element to YUV 152.2980, 11.1921, -43.2343 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(103, 173, 175) }
```


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

```
.border{ border-color:rgb(103, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(103, 173,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 152.2980, 11.1921, -43.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 173, 175) }
```

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

```
.background{ background-color: rgb(103,  
173, 175) }
```

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