

Converting Colors

YUV(83.2940, 3.7991, -52.0008)

Have a look what the booklet for
YUV(83.2940, 3.7991, -52.0008)
contains.

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Color

**YUV(83.2940, 3.7991,
-52.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	18705B
RGB	24, 112, 91
RGB Percent	9%, 44%, 36%
CMY	0.9059, 0.5608, 0.6431
CMYK	0.79, 0.00, 0.19, 0.56
HSL	166°, 65%, 27%
HSV	166°, 79%, 44%
XYZ	8.0592, 12.5379, 11.8928
YIQ	83.2940, -45.7070, -25.1870

Conversions

Conversions Part 2

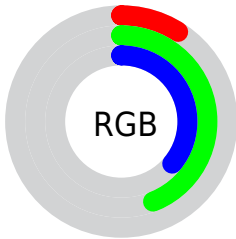
Format	Color
R_{YB}	24, 74, 112
Decimal	1601627
CIE Lab	42.06, -30.59, 4.50
CIE LCh	42, 30.919, 171.635
Yxy	12.5379, 0.2481, 0.3859
Android (android.graphics.Color)	4279791707 (0xFF18705B)
YUV	83.2940, 3.7991, -52.0008
Hunter-Lab	35.4088, -21.3382, 4.8724

Details

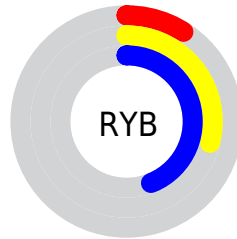
The YUV color **83.2940, 3.7991, -52.0008** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.7060, -3.7991, 52.0008**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1590, 1.8936, -47.4974**, and **42.1110, 1.4243, -36.9313** is the 20% darker color. If you saturate the color by 10%, you get **79.6630, 4.1101, -58.4635**, and if you desaturate by 10%, it is **86.9250, 3.4880, -45.5382**.

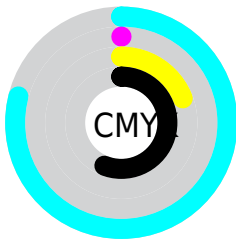
Distribution



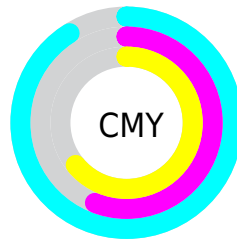
- Red (9%)
- Green (44%)
- Blue (36%)



- Red (9%)
- Yellow (29%)
- Blue (44%)



- Cyan (79%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2940, 3.7991, -52.0008 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 83.2940, 3.7991, -52.0008 by changing the saturation by 10% instead.

83.2940, 3.7991,
-52.0008

83.2940, 3.7991,
-52.0008

255.0000, 0.0000,
0.0000

58.8210, 4.5252,
-51.5860

137.1590, 1.8936,
-47.4974

42.1110, 1.4243,
-36.9313

164.9310, 1.0200,
-47.2975

26.9170, -0.9451,
-23.6062

192.6320, 1.1674,
-47.9123

8.2180, -4.0515,
-7.2072

221.2190, 0.8780,
-48.4271

0.0000, 0.0000,
0.0000

236.3050, 7.2446,
-37.1015

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 83.2940, 3.7991,
-52.0008

■ 83.2940, 3.7991,
-52.0008

■ 79.6630, 4.1101,
-58.4635

■ 86.9250, 3.4880,
-45.5382

■ 76.1460, 4.8580,
-65.0260

■ 90.4420, 2.7401,
-38.9756

■ 75.4340, 4.7160,
-66.1556

■ 94.3720, 2.2816,
-31.8982

■ 98.0030, 1.9705,
-25.4356

■ 101.5200, 1.2226,
-18.8730

■ 105.1510, 0.9116,
-12.4104

■ 108.7820, 0.6005,
-5.9478

■ 112.5980, -0.2948,
1.2296

■ 116.2290, -0.6059,
7.6922

Harmonies

Analogous

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



91.6540, -12.1544, -21.6216



83.2940, 3.7991, -52.0008



79.0820, 18.6936, -69.3549

Triad

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



83.2940, 3.7991, -52.0008



99.7320, 23.3031, -7.6580



98.8830, -19.1693, 35.1826

Complementary

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



83.2940, 3.7991, -52.0008



52.7060, -3.7991, 52.0008

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.



99.9730, -8.8607, 42.1197



83.2940, 3.7991, -52.0008



102.4920, 14.0544, 18.8625

Square

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



83.2940, 3.7991, -52.0008



89.9940, 29.0900, -43.8447



101.3280, 2.7963, 36.5463



97.4160, -24.3621, 20.6832

Rectangle

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



83.2940, 3.7991, -52.0008



80.2050, 25.5349, -70.3398



101.3280, 2.7963, 36.5463



99.1160, -15.8332, 38.4863

Sweetspot

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



83.2940, 3.7991, -52.0008



133.6230, 1.6649, -20.7174



82.2340, -28.7094, -31.7772



67.1510, 0.9116, -12.4104



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



83.2940, 3.7991, -52.0008



100.6880, 6.0698, -80.4104



72.7740, 19.3384, -42.7748



54.0920, 0.4476, -3.5887



80.8140, 5.0217, -70.8739



166.4210, 10.6384, -145.9512

Inverse Universe

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



52.7060, -3.7991, 52.0008



53.3120, -6.0698, 80.4104



63.2260, -19.3384, 42.7748



52.0220, -0.0108, 3.4887



39.1860, -5.0217, 70.8739



80.5790, -10.6384, 145.9512

Previews

White Background



This preview shows how the YUV color 83.2940, 3.7991, -52.0008 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 83.2940, 3.7991, -52.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

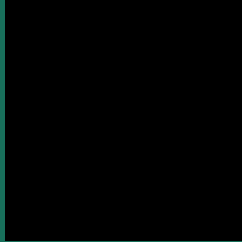
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2940, 3.7991, -52.0008

Background



This preview shows how black text looks on a background with the YUV color 83.2940, 3.7991, -52.0008.



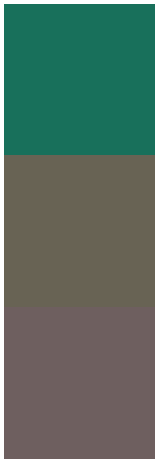
This preview shows how white text looks on a background with the YUV color 83.2940, 3.7991, -52.0008.

-52.0008.

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

83.2940, 3.7991, -52.0008

Protanopia

98.7850, -7.2890, 4.5736

Deuteranopia

99.4850, -2.2111, 9.2217



Tritanopia

88.6940, 13.9549, -42.7046

Trichromacy



Original Color

83.2940, 3.7991, -52.0008

Protanomaly

93.3910, -3.1508, -16.1289

Deuteranomaly

93.6240, 0.1854, -12.8252

Tritanomaly

86.4610, 10.6187, -46.0083

Monochromacy



Original Color

83.2940, 3.7991, -52.0008

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.5200, 1.2226, -18.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2940, 3.7991, -52.0008 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(24, 112, 91)` looks like.

```
.text, #text, p{  
    color:rgb(24, 112, 91)  
}
```

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(24, 112, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 112, 91) }
```

Border

The CSS property to change the border of an element to YUV 83.2940, 3.7991, -52.0008 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(24, 112, 91) }
```


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

```
.border{ border-color:rgb(24, 112, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 112, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 112, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 112, 91);  
box-shadow:4px 4px 4px 4px rgb(24, 112,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 83.2940, 3.7991, -52.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 112, 91) }
```

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

```
.background{ background-color: rgb(24, 112,  
91) }
```

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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