

Converting Colors

YUV(89.6190, 7.5828, -52.2859)

Have a look what the booklet for
YUV(89.6190, 7.5828, -52.2859)
contains.

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Color

**YUV(89.6190, 7.5828,
-52.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7569
RGB	30, 117, 105
RGB Percent	12%, 46%, 41%
CMY	0.8824, 0.5412, 0.5882
CMYK	0.74, 0.00, 0.10, 0.54
HSL	172°, 59%, 29%
HSV	172°, 74%, 46%
XYZ	9.4465, 14.0185, 15.5726
YIQ	89.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

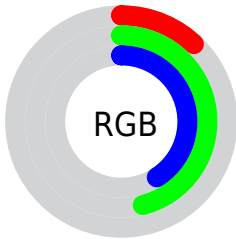
Format	Color
R_{YB}	30, 77, 117
Decimal	1996137
CIE _{Lab}	44.26, -28.13, -0.70
CIE _{LCh}	44, 28.143, 181.417
Yxy	14.0185, 0.2420, 0.3591
Android (android.graphics.Color)	4280186217 (0xFF1E7569)
YUV	89.6190, 7.5828, -52.2859
Hunter-Lab	37.4413, -20.4864, 1.5491

Details

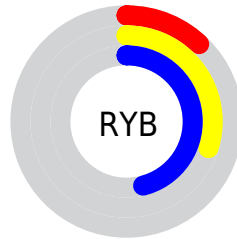
The YUV color **89.6190, 7.5828, -52.2859** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57.3810, -7.5828, 52.2859**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1850, 5.8248, -48.3972**, and **46.5280, 5.6557, -40.8051** is the 20% darker color. If you saturate the color by 10%, you get **85.8030, 8.4781, -59.4632**, and if you desaturate by 10%, it is **93.4350, 6.6875, -45.1085**.

Distribution



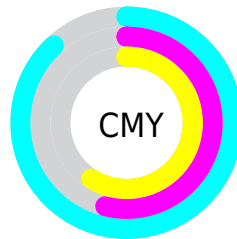
- Red (12%)
- Green (46%)
- Blue (41%)



- Red (12%)
- Yellow (30%)
- Blue (46%)



- Cyan (74%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)



- Cyan (88%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6190, 7.5828, -52.2859 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 89.6190, 7.5828, -52.2859 by changing the saturation by 10% instead.

89.6190, 7.5828,
-52.2859

89.6190, 7.5828,
-52.2859

255.0000, 0.0000,
0.0000

63.2380, 8.7567,
-55.4597

144.1850, 5.8248,
-48.3972

46.5280, 5.6557,
-40.8051

171.1850, 5.8248,
-48.3972

30.6330, 3.1389,
-26.8651

199.1850, 5.8248,
-48.3972

15.9120, 0.0434,
-13.9548

227.7720, 5.5354,
-48.9120

0.0000, 0.0000,
0.0000

238.5550, 8.1074,
-33.8127

247.2260, 3.8326,

-15.9842

■ 89.6190, 7.5828,
-52.2859

■ 89.6190, 7.5828,
-52.2859

■ 85.8030, 8.4781,
-59.4632

■ 93.4350, 6.6875,
-45.1085

■ 82.4000, 9.6628,
-66.1258

■ 96.8380, 5.5029,
-38.4459

■ 80.1930, 10.2579,
-70.3293

■ 100.6540, 4.6076,
-31.2686

■ 104.3560, 3.2755,
-23.9912

■ 108.1720, 2.3802,
-16.8138

■ 111.6890, 1.6323,
-10.2513

■ 115.3910, 0.3002,
-2.9739

■ 119.2070, -0.5951,
4.2035

■ 122.7240, -1.3429,
10.7661

Harmonies

Analogous

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



96.4730, -7.6282, -26.7248



89.6190, 7.5828, -52.2859



82.6840, 22.3408, -72.5139

Triad

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



89.6190, 7.5828, -52.2859



106.6470, 18.9080, 2.0636



104.3230, -19.8792, 29.5347

Complementary

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



89.6190, 7.5828, -52.2859



57.3810, -7.5828, 52.2859

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.



105.4410, -12.0494, 38.2012



89.6190, 7.5828, -52.2859



107.6730, 9.5282, 23.9658

Square

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



89.6190, 7.5828, -52.2859



101.2520, 24.5258, -26.5310



106.5900, -1.2769, 36.3166



103.1270, -22.7406, 13.9206

Rectangle

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



89.6190, 7.5828, -52.2859



82.9920, 28.5979, -72.7840



106.5900, -1.2769, 36.3166



105.2140, -17.8535, 33.1383

Sweetspot

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



89.6190, 7.5828, -52.2859



142.2640, 2.8278, -20.4025



84.9560, -27.0933, -36.7954



70.6780, 1.6377, -11.9956



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.6190, 7.5828, -52.2859



110.1700, 11.7482, -81.7101



73.3770, 21.5061, -38.0416



57.0920, 0.4476, -3.5887



83.6980, 10.9949, -73.4031



171.2600, 21.5638, -150.1950

Inverse Universe

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



57.3810, -7.5828, 52.2859



59.8300, -11.7482, 81.7101



73.6230, -21.5061, 38.0416



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032



78.6260, -22.0006, 150.2950

Previews

White Background



This preview shows how the YUV color 89.6190, 7.5828, -52.2859 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 89.6190, 7.5828, -52.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

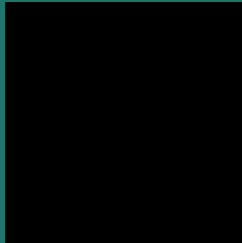
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6190, 7.5828, -52.2859

Background



This preview shows how black text looks on a background with the YUV color 89.6190, 7.5828, -52.2859.



This preview shows how white text looks on a background with the YUV color 89.6190, 7.5828, -52.2859.

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

89.6190, 7.5828, -52.2859

Protanopia

104.2130, -3.0630, 2.4442

Deuteranopia

105.0870, 1.4361, 6.0627



Tritanopia

93.3130, 15.1287, -45.8785

Trichromacy



Original Color

89.6190, 7.5828, -52.2859

Protanomaly

99.1180, 0.9278, -17.6435

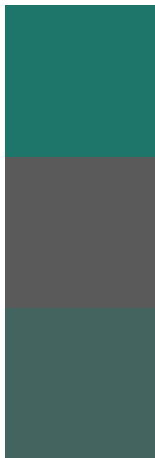
Deuteranomaly

99.5250, 3.6852, -15.3694

Tritanomaly

91.9060, 12.3713, -48.1526

Monochromacy



Original Color

89.6190, 7.5828, -52.2859

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8620, 2.5330, -19.1730

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6190, 7.5828, -52.2859 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(30, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(30, 117, 105)  
}
```

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(30, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 117, 105) }
```

Border

The CSS property to change the border of an element to YUV 89.6190, 7.5828, -52.2859 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(30, 117, 105) }
```


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

```
.border{ border-color:rgb(30, 117, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 117, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(30, 117,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 89.6190, 7.5828, -52.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 117, 105) }
```

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

```
.background{ background-color: rgb(30, 117,  
105) }
```

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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