

Converting Colors

YUV(60.9980, 16.2700,
-38.5862)

Have a look what the booklet for
YUV(60.9980, 16.2700, -38.5862)
contains.

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Color

**YUV(60.9980, 16.2700,
-38.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	114D5E
RGB	17, 77, 94
RGB Percent	7%, 30%, 37%
CMY	0.9333, 0.6980, 0.6314
CMYK	0.82, 0.18, 0.00, 0.63
HSL	193°, 69%, 22%
HSV	193°, 82%, 37%
XYZ	4.9054, 6.2351, 11.5346
YIQ	60.9980, -41.2170, -7.4330

Conversions

Conversions Part 2

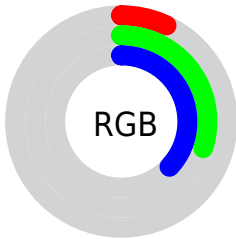
Format	Color
RYB	17, 51, 94
Decimal	1133918
CIELab	30.00, -12.11, -15.33
CIELCh	30, 19.533, 231.690
Yxy	6.2351, 0.2163, 0.2750
Android (android.graphics.Color)	4279323998 (0xFF114D5E)
YUV	60.9980, 16.2700, -38.5862
Hunter-Lab	24.9701, -8.6311, -9.9091

Details

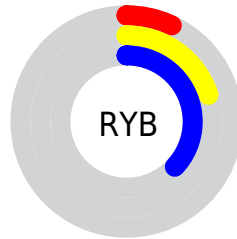
The YUV color **60.9980, 16.2700, -38.5862** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.0020, -16.2700, 38.5862**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5040, 15.5275, -33.7680**, and **24.8430, 11.4164, -21.7873** is the 20% darker color. If you saturate the color by 10%, you get **57.1330, 18.1754, -43.0896**, and if you desaturate by 10%, it is **64.8630, 14.3645, -34.0829**.

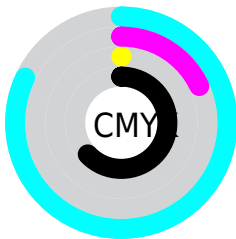
Distribution



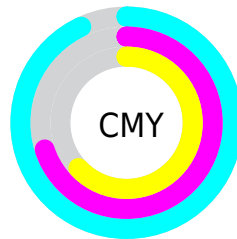
- Red (7%)
- Green (30%)
- Blue (37%)



- Red (7%)
- Yellow (20%)
- Blue (37%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (70%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.9980, 16.2700, -38.5862 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 60.9980, 16.2700, -38.5862 by changing the saturation by 10% instead.

■ 60.9980, 16.2700,
-38.5862

■ 60.9980, 16.2700,
-38.5862

■ 255.0000, 0.0000,
0.0000

■ 39.6780, 14.9487,
-34.7976

■ 112.5040, 15.5275,
-33.7680

■ 24.8430, 11.4164,
-21.7873

■ 138.6180, 15.9643,
-33.8680

■ 3.7790, 11.9410,
-3.3142

■ 165.6180, 15.9643,
-33.8680

■ 0.0000, 0.0000,
0.0000

■ 192.7320, 16.4011,
-33.9680

■ 221.4330, 16.5485,
-34.5827

■ 241.5450, 6.6333,

-27.6650

■ 250.2160, 2.3585,
-9.8364

■ 60.9980, 16.2700,
-38.5862

■ 60.9980, 16.2700,
-38.5862

■ 57.1330, 18.1754,
-43.0896

■ 64.8630, 14.3645,
-34.0829

■ 53.5670, 19.9335,
-46.9783

■ 69.0270, 12.3117,
-28.9647

■ 72.8920, 10.4062,
-24.4613

■ 77.0560, 8.3534,
-19.3431

■ 80.9210, 6.4479,
-14.8397

■ 84.7860, 4.5425,
-10.3363

■ 89.5370, 2.2003,
-5.7329

■ 93.4020, 0.2948,
-1.2296

■ 97.5660, -1.7580,
3.8886

Harmonies

Analogous

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



59.4940, 10.6025, -40.7752



60.9980, 16.2700, -38.5862



66.8090, 16.3632, -21.7575

Triad

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



60.9980, 16.2700, -38.5862



72.3000, 1.8241, 21.6619



68.5690, -13.0985, 1.2550

Complementary

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



60.9980, 16.2700, -38.5862



50.0020, -16.2700, 38.5862

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.



70.0050, -14.2995, 13.1506



60.9980, 16.2700, -38.5862



71.3730, -5.6069, 25.1059

Square

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



60.9980, 16.2700, -38.5862



72.9550, 8.4032, 11.4405



71.0430, -11.8532, 21.8873



66.5610, -7.6716, -12.7700

Rectangle

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



60.9980, 16.2700, -38.5862



70.1310, 14.7254, -9.7619



71.0430, -11.8532, 21.8873



69.3630, -13.9830, 4.9436

Sweetspot

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



60.9980, 16.2700, -38.5862



109.5080, 6.1586, -15.3545



64.1370, -14.8575, -41.3391



53.2700, 3.8109, -9.0068



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



60.9980, 16.2700, -38.5862



70.8580, 25.2130, -60.3885



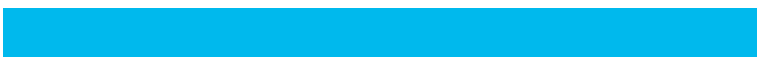
38.6920, 27.2668, -19.0239



43.9180, 1.0264, -2.5591



62.4350, 23.4495, -54.7555



135.6130, 49.9838, -118.9326

Inverse Universe

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



46.8630, 14.8575, 41.3391



48.5960, 23.3702, 64.3753



72.3080, -27.2668, 19.0239



42.9510, 1.0102, 2.6740



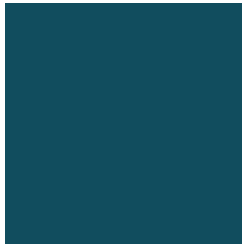
42.5800, 20.9131, 59.1273



91.9530, 45.8722, 127.2062

Previews

White Background



This preview shows how the YUV color 60.9980, 16.2700, -38.5862 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 ✓ Pass

Black Background



This preview shows how the YUV color 60.9980, 16.2700, -38.5862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

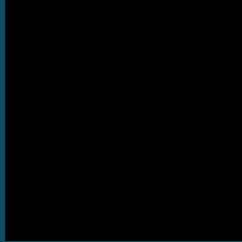
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9980, 16.2700, -38.5862

Background



This preview shows how black text looks on a background with the YUV color 60.9980, 16.2700, -38.5862.



This preview shows how white text looks on a background with the YUV color 60.9980, 16.2700,

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

60.9980, 16.2700, -38.5862

Protanopia

70.9700, 8.8888, -4.3587

Deuteranopia

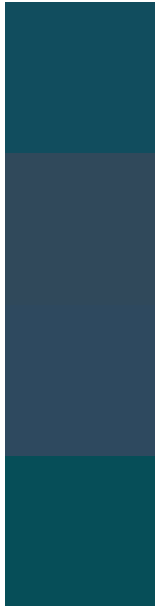
70.8710, 12.3886, -6.9029



Tritanopia

55.4760, 14.5553, -48.6525

Trichromacy



Original Color

60.9980, 16.2700, -38.5862

Protanomaly

67.5770, 11.5475, -17.1690

Deuteranomaly

67.4350, 13.5895, -18.7985

Tritanomaly

57.6120, 14.9813, -45.2637

Monochromacy



Original Color

60.9980, 16.2700, -38.5862

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9980, 16.2700, -38.5862 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(17, 77, 94)` looks like.

```
.text, #text, p{  
    color:rgb(17, 77, 94)  
}
```

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(17, 77, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 77, 94) }
```

Border

The CSS property to change the border of an element to YUV 60.9980, 16.2700, -38.5862 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(17, 77, 94) }
```


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

```
.border{ border-color:rgb(17, 77, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 77, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 77, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 77, 94);  
box-shadow:4px 4px 4px 4px rgb(17, 77, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.9980, 16.2700, -38.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 77, 94) }
```

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

```
.background{ background-color: rgb(17, 77,  
94) }
```

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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