

Converting Colors

YUV(62.2950, 19.0816,
-53.7557)

Have a look what the booklet for
YUV(62.2950, 19.0816, -53.7557)
contains.

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Color

**YUV(62.2950, 19.0816,
-53.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	015665
RGB	1, 86, 101
RGB Percent	0%, 34%, 40%
CMY	0.9961, 0.6627, 0.6039
CMYK	0.99, 0.15, 0.00, 0.60
HSL	189°, 98%, 20%
HSV	189°, 99%, 40%
XYZ	5.6893, 7.6016, 13.4793
YIQ	62.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

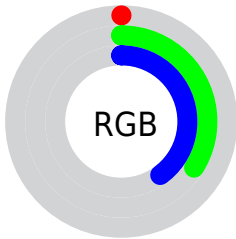
Format	Color
R_{YB}	1, 47, 101
Decimal	87653
CIE _{Lab}	33.14, -16.22, -14.96
CIE _{LCh}	33, 22.061, 222.681
Yxy	7.6016, 0.2125, 0.2840
Android (android.graphics.Color)	4278277733 (0xFF015665)
YUV	62.2950, 19.0816, -53.7557
Hunter-Lab	27.5710, -11.4159, -9.6868

Details

The YUV color **62.2950, 19.0816, -53.7557** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39.7050, -19.0816, 53.7557**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0900, 16.7176, -42.1749**, and **29.6360, 12.0115, -25.9908** is the 20% darker color. If you saturate the color by 10%, you get **61.9960, 19.2290, -54.3705**, and if you desaturate by 10%, it is **66.4590, 17.0287, -48.6375**.

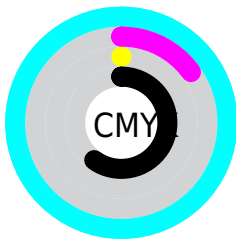
Distribution



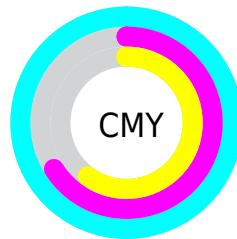
- Red (0%)
- Green (34%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2950, 19.0816, -53.7557 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 62.2950, 19.0816, -53.7557 by changing the saturation by 10% instead.

62.2950, 19.0816,
-53.7557

62.2950, 19.0816,
-53.7557

255.0000, 0.0000,
0.0000

45.7590, 15.4018,
-40.1306

118.0900, 16.7176,
-42.1749

29.6360, 12.0115,
-25.9908

144.8020, 16.8596,
-41.0454

15.5020, 8.6265,
-13.5953

171.8020, 16.8596,
-41.0454

0.9120, 3.4944,
-0.7998

199.8020, 16.8596,
-41.0454

0.0000, 0.0000,
0.0000

227.5910, 13.5126,
-40.8603

241.2460, 6.7807,

-28.2797

249.9170, 2.5059,
-10.4512

62.2950, 19.0816,
-53.7557

62.2950, 19.0816,
-53.7557

61.9960, 19.2290,
-54.3705

66.4590, 17.0287,
-48.6375

70.0360, 15.2653,
-43.0046

74.2000, 13.2124,
-37.8864

77.7770, 11.4489,
-32.2534

82.2400, 9.2487,
-26.5205

■ 85.8170, 7.4852,
-20.8875

■ 89.9810, 5.4324,
-15.7693

■ 93.5580, 3.6689,
-10.1364

■ 97.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



64.6460, 10.0345, -45.2935



62.2950, 19.0816, -53.7557



71.5410, 19.4533, -32.9235

Triad

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



62.2950, 19.0816, -53.7557



80.2830, 4.2975, 21.6768



75.7930, -16.1669, 5.4435

Complementary

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



62.2950, 19.0816, -53.7557



39.7050, -19.0816, 53.7557

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.



77.2830, -15.9155, 18.1688



62.2950, 19.0816, -53.7557



79.1500, -4.0179, 28.8095

Square

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



62.2950, 19.0816, -53.7557



80.1440, 11.7610, 7.7667



78.7770, -11.7221, 26.5056



74.0730, -10.8820, -9.7110

Rectangle

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



62.2950, 19.0816, -53.7557



75.7000, 18.3889, -18.1539



78.7770, -11.7221, 26.5056



76.4130, -16.4726, 10.1618

Sweetspot

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



62.2950, 19.0816, -53.7557



114.8170, 7.4852, -20.8875



61.4100, -22.3871, -52.9796



57.0630, 4.4059, -13.2103



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



62.2950, 19.0816, -53.7557



79.9770, 24.6613, -70.1398



32.9450, 33.5511, -28.0158



48.9180, 1.0264, -2.5591



70.6360, 21.8715, -61.9478



148.5100, 46.0906, -130.2433

Inverse Universe

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



40.5900, 22.3871, 52.9796



51.5240, 29.3217, 68.8235



69.0550, -33.5511, 28.0158



47.9510, 1.0102, 2.6740



45.5570, 25.8544, 60.9015



95.8420, 54.3079, 128.1806

Previews

White Background



This preview shows how the YUV color 62.2950, 19.0816, -53.7557 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 62.2950, 19.0816, -53.7557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

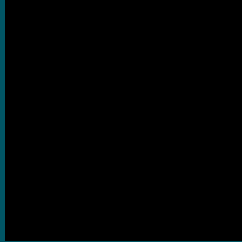
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2950, 19.0816, -53.7557

Background



This preview shows how black text looks on a background with the YUV color 62.2950, 19.0816, -53.7557.

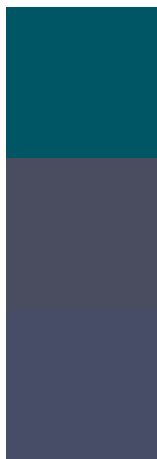


This preview shows how white text looks on a background with the YUV color 62.2950, 19.0816,

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

62.2950, 19.0816, -53.7557

Protanopia

78.1550, 8.3046, -3.6439

Deuteranopia

78.4690, 12.0938, -5.6733

Trichromacy



Original Color

62.2950, 19.0816, -53.7557

Protanomaly

72.0710, 12.2900, -21.9873

Deuteranomaly

72.3420, 14.6214, -23.1019

Monochromacy



Original Color

62.2950, 19.0816, -53.7557

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3010, 6.7536, -19.5580

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2950, 19.0816, -53.7557 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(1, 86, 101)` looks like.

```
.text, #text, p{  
    color:rgb(1, 86, 101)  
}
```

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(1, 86, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 86, 101) }
```

Border

The CSS property to change the border of an element to YUV 62.2950, 19.0816, -53.7557 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(1, 86, 101) }
```

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

```
.border{ border-color:rgb(1, 86, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 86, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 86, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 86, 101);  
box-shadow:4px 4px 4px 4px rgb(1, 86, 101)  
}
```


Background

The CSS property to change the background color of an element to YUV 62.2950, 19.0816, -53.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 86, 101) }
```

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

```
.background{ background-color: rgb(1, 86,  
101) }
```

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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