

Converting Colors

YUV(62.8110, 19.8132,
-55.0852)

Have a look what the booklet for
YUV(62.8110, 19.8132, -55.0852)
contains.

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Color

**YUV(62.8110, 19.8132,
-55.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	005767
RGB	0, 87, 103
RGB Percent	0%, 34%, 40%
CMY	1.0000, 0.6588, 0.5961
CMYK	1.00, 0.16, 0.00, 0.60
HSL	189°, 100%, 20%
HSV	189°, 100%, 40%
XYZ	5.8564, 7.7957, 14.0280
YIQ	62.8110, -56.9880, -13.4680

Conversions

Conversions Part 2

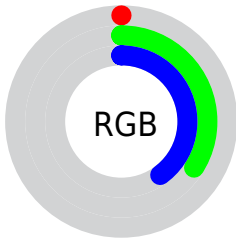
Format	Color
RYB	0, 47, 103
Decimal	22375
CIELab	33.55, -16.11, -15.58
CIELCh	34, 22.407, 224.036
Yxy	7.7957, 0.2116, 0.2816
Android (android.graphics.Color)	4278212455 (0xFF005767)
YUV	62.8110, 19.8132, -55.0852
Hunter-Lab	27.9207, -11.4208, -10.2442

Details

The YUV color **62.8110, 19.8132, -55.0852** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40.1890, -19.8132, 55.0852**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2040, 17.1544, -42.2749**, and **30.4510, 12.5957, -26.7055** is the 20% darker color. If you saturate the color by 10%, you get **62.8110, 19.8132, -55.0852**, and if you desaturate by 10%, it is **66.9750, 17.7603, -49.9671**.

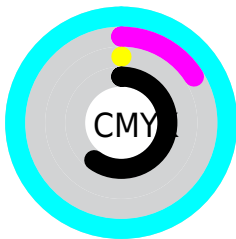
Distribution



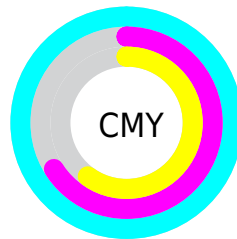
- Red (0%)
- Green (34%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8110, 19.8132, -55.0852 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 62.8110, 19.8132, -55.0852 by changing the saturation by 10% instead.

62.8110, 19.8132,
-55.0852

62.8110, 19.8132,
-55.0852

255.0000, 0.0000,
0.0000

46.5740, 15.9860,
-40.8454

119.2040, 17.1544,
-42.2749

30.4510, 12.5957,
-26.7055

145.6170, 17.4438,
-41.7601

16.9040, 8.9213,
-14.8248

173.2040, 17.1544,
-42.2749

1.2540, 4.8048,
-1.0998

200.7310, 17.8806,
-41.8601

0.0000, 0.0000,
0.0000

228.1780, 13.2232,
-41.3751

241.5450, 6.6333,

-27.6650

■ 250.2160, 2.3585,
-9.8364

■ 62.8110, 19.8132,
-55.0852

■ 66.9750, 17.7603,
-49.9671

■ 70.8510, 15.8495,
-43.7193

■ 75.0150, 13.7966,
-38.6012

■ 78.5920, 12.0331,
-32.9682

■ 83.0550, 9.8329,
-27.2352

■ 87.2190, 7.7800,
-22.1171

■ 90.7960, 6.0166,
-16.4841

■ 94.9600, 3.9637,
-11.3659

■ 98.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



64.8630, 10.9135, -47.2379



62.8110, 19.8132, -55.0852



72.0680, 20.1795, -32.5086

Triad

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



62.8110, 19.8132, -55.0852



80.8810, 4.0027, 22.9064



76.4940, -16.0195, 4.8288

Complementary

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



62.8110, 19.8132, -55.0852



40.1890, -19.8132, 55.0852

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.



78.7560, -16.6417, 17.7540



62.8110, 19.8132, -55.0852



80.0360, -4.4547, 28.9094

Square

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



62.8110, 19.8132, -55.0852



80.7420, 11.4662, 8.9963



79.6630, -12.1589, 26.6055



74.4750, -10.5872, -10.9406

Rectangle

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



62.8110, 19.8132, -55.0852



76.9990, 18.2415, -17.5391



79.6630, -12.1589, 26.6055



77.5870, -17.0514, 9.1322

Sweetspot

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



62.8110, 19.8132, -55.0852



119.5180, 7.6326, -21.5023



62.1710, -23.2553, -54.5240



59.1770, 4.8427, -13.3102



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



62.8110, 19.8132, -55.0852



82.3080, 25.9772, -72.1841



32.8740, 34.5721, -28.8305



48.9180, 1.0264, -2.5591



70.0490, 22.1608, -61.4330



147.9230, 46.3800, -129.7285

Inverse Universe

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



40.7150, 22.8185, 54.6239



53.3610, 29.8950, 71.5974



70.1260, -34.5721, 28.8305



47.9510, 1.0102, 2.6740



45.4430, 25.4176, 61.0015



95.7280, 53.8711, 128.2805

Previews

White Background



This preview shows how the YUV color 62.8110, 19.8132, -55.0852 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 62.8110, 19.8132, -55.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

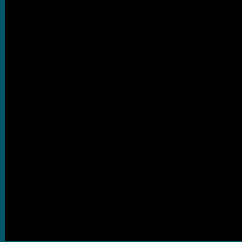
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

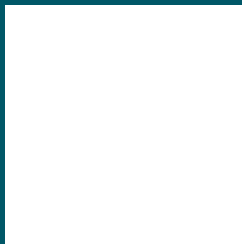
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 62.8110, 19.8132, -55.0852

Background



This preview shows how black text looks on a background with the YUV color 62.8110, 19.8132, -55.0852.



This preview shows how white text looks on a background with the YUV color 62.8110, 19.8132,

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

62.8110, 19.8132, -55.0852

Protanopia

79.2690, 8.7414, -3.7439

Deuteranopia

79.2840, 12.6780, -6.3881

Trichromacy



Original Color

62.8110, 19.8132, -55.0852

Protanomaly

73.1850, 12.7268, -22.0872

Deuteranomaly

73.1570, 15.2056, -23.8167

Monochromacy



Original Color

62.8110, 19.8132, -55.0852

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8110, 19.8132, -55.0852 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(0, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 103)  
}
```

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(0, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 103) }
```

Border

The CSS property to change the border of an element to YUV 62.8110, 19.8132, -55.0852 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(0, 87, 103) }
```

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

```
.border{ border-color:rgb(0, 87, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 87, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 103)  
}
```


Background

The CSS property to change the background color of an element to YUV 62.8110, 19.8132, -55.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 103) }
```

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

```
.background{ background-color: rgb(0, 87,  
103) }
```

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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