

Converting Colors

YUV(62.8450, 14.8664,
-55.1151)

Have a look what the booklet for
YUV(62.8450, 14.8664, -55.1151)
contains.

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Color

**YUV(62.8450, 14.8664,
-55.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	00595D
RGB	0, 89, 93
RGB Percent	0%, 35%, 36%
CMY	1.0000, 0.6510, 0.6353
CMYK	1.00, 0.04, 0.00, 0.64
HSL	183°, 100%, 18%
HSV	183°, 100%, 36%
XYZ	5.5482, 7.9351, 11.5951
YIQ	62.8450, -54.3280, -17.6240

Conversions

Conversions Part 2

Format	Color
RYB	0, 45, 93
Decimal	22877
CIELab	33.85, -20.90, -8.85
CIELCh	34, 22.700, 202.960
Yxy	7.9351, 0.2212, 0.3164
Android (android.graphics.Color)	4278212957 (0xFF00595D)
YUV	62.8450, 14.8664, -55.1151
Hunter-Lab	28.1693, -14.1392, -4.6867

Details

The YUV color **62.8450, 14.8664, -55.1151** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **30.1550, -14.8664, 55.1151**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5260, 12.0657, -43.4343**, and **30.5990, 8.0857, -26.8353** is the 20% darker color. If you saturate the color by 10%, you get **62.8450, 14.8664, -55.1151**, and if you desaturate by 10%, it is **65.5360, 13.5398, -49.5821**.

Distribution



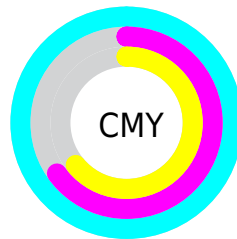
- Red (0%)
- Green (35%)
- Blue (36%)



- Red (0%)
- Yellow (18%)
- Blue (36%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8450, 14.8664, -55.1151 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 62.8450, 14.8664, -55.1151 by changing the saturation by 10% instead.

■ 62.8450, 14.8664,
-55.1151

■ 62.8450, 14.8664,
-55.1151

■ 255.0000, 0.0000,
0.0000

■ 46.0210, 11.3286,
-40.3604

■ 118.5260, 12.0657,
-43.4343

■ 30.5990, 8.0857,
-26.8353

■ 145.5260, 12.0657,
-43.4343

■ 16.4650, 4.7008,
-14.4398

■ 172.5260, 12.0657,
-43.4343

■ 0.0000, 0.0000,
0.0000

■ 200.5260, 12.0657,
-43.4343

■ 229.2270, 12.2131,
-44.0491

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 62.8450, 14.8664,
-55.1151

■ 65.5360, 13.5398,
-49.5821

■ 69.1130, 11.7763,
-43.9491

■ 71.8040, 10.4496,
-38.4161

■ 75.0820, 8.8336,
-33.3979

■ 78.0720, 7.3595,
-27.2501

■ 80.7630, 6.0328,
-21.7172

■ 84.0410, 4.4168,
-16.6990

■ 86.7320, 3.0901,
-11.1660

■ 90.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



70.3610, 2.2870, -33.6426



62.8450, 14.8664, -55.1151



65.4740, 20.9653, -51.2817

Triad

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



62.8450, 14.8664, -55.1151



81.9060, 9.4133, 14.1144



78.6200, -17.0677, 14.3653

Complementary

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



62.8450, 14.8664, -55.1151



30.1550, -14.8664, 55.1151

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.



79.8970, -13.7532, 24.6463



62.8450, 14.8664, -55.1151



81.6210, 1.6658, 25.7654

Square

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



62.8450, 14.8664, -55.1151



80.5060, 16.0195, -4.8288



80.3520, -7.0755, 29.5093



76.9880, -15.2771, 0.0105

Rectangle

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



62.8450, 14.8664, -55.1151



72.4700, 20.4743, -33.7382



80.3520, -7.0755, 29.5093



79.0550, -16.7891, 18.3688

Sweetspot

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



62.8450, 14.8664, -55.1151



108.0620, 5.8854, -21.1024



54.9330, -25.6030, -48.1762



53.8350, 3.5323, -13.0103



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.



62.8450, 14.8664, -55.1151



81.1850, 19.1358, -71.1992



35.8430, 28.1784, -31.4343



44.5050, 0.7370, -3.0739



74.1750, 17.6617, -65.0515



160.2670, 37.8294, -140.5542

Inverse Universe

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



37.9530, 25.1662, 48.2762



48.9900, 32.5429, 62.2758



57.1570, -28.1784, 31.4343



43.0650, 1.4470, 2.5740



44.8600, 29.6490, 57.1278



96.7410, 64.2177, 123.0071

Previews

White Background



This preview shows how the YUV color 62.8450, 14.8664, -55.1151 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 62.8450, 14.8664, -55.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

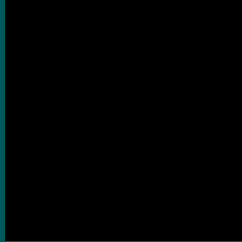
Any Text WCAG AA × Fail

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 62.8450, 14.8664, -55.1151 Background



This preview shows how black text looks on a background with the YUV color 62.8450, 14.8664, -55.1151.



This preview shows how white text looks on a background with the YUV color 62.8450, 14.8664,

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



Protanopia

79.9120, 3.4944, -0.7998

Deuteranopia

80.5360, 7.1308, -0.4701

Tritanopia

66.4760, 14.5553, -48.6525

Trichromacy



Protanomaly

73.8170, 7.4852, -20.8875

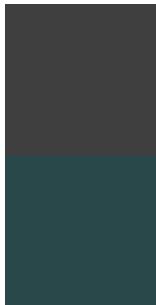
Deuteranomaly

74.0990, 9.8112, -20.2578

Tritanomaly

65.1660, 14.7082, -51.0116

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6600, 5.5906, -19.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8450, 14.8664, -55.1151 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, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 93)  
}
```

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, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 93) }
```

Border

The CSS property to change the border of an element to YUV 62.8450, 14.8664, -55.1151 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, 89, 93) }
```

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

```
.border{ border-color:rgb(0, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 89, 93); box-shadow:4px  
4px 4px 4px rgb(0, 89, 93) }
```


Background

The CSS property to change the background color of an element to YUV 62.8450, 14.8664, -55.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 93) }
```

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

```
.background{ background-color: rgb(0, 89,  
93) }
```

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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