

Converting Colors

YUV(62.8960, 7.4463, -55.1598)

Have a look what the booklet for
YUV(62.8960, 7.4463, -55.1598)
contains.

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Color

**YUV(62.8960, 7.4463,
-55.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	005C4E
RGB	0, 92, 78
RGB Percent	0%, 36%, 31%
CMY	1.0000, 0.6392, 0.6941
CMYK	1.00, 0.00, 0.15, 0.64
HSL	171°, 100%, 18%
HSV	171°, 100%, 36%
XYZ	5.2023, 8.2044, 8.5171
YIQ	62.8960, -50.3380, -23.8580

Conversions

Conversions Part 2

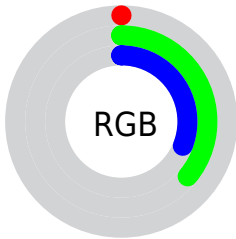
Format	Color
RYB	0, 50, 92
Decimal	23630
CIELab	34.40, -27.42, 1.37
CIELCh	34, 27.456, 177.139
Yxy	8.2044, 0.2373, 0.3742
Android (android.graphics.Color)	4278213710 (0xFF005C4E)
YUV	62.8960, 7.4463, -55.1598
Hunter-Lab	28.6432, -17.7058, 2.4202

Details

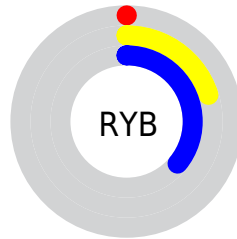
The YUV color **62.8960, 7.4463, -55.1598** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29.1040, -7.4463, 55.1598**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7510, 4.0668, -44.5086**, and **30.2910, 1.8285, -26.5652** is the 20% darker color. If you saturate the color by 10%, you get **62.8960, 7.4463, -55.1598**, and if you desaturate by 10%, it is **65.7010, 6.5564, -49.7268**.

Distribution



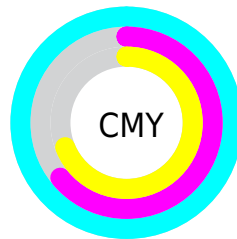
- Red (0%)
- Green (36%)
- Blue (31%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8960, 7.4463, -55.1598 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 62.8960, 7.4463, -55.1598 by changing the saturation by 10% instead.

62.8960, 7.4463,
-55.1598

62.8960, 7.4463,
-55.1598

255.0000, 0.0000,
0.0000

46.1860, 4.3453,
-40.5051

118.7510, 4.0668,
-44.5086

30.2910, 1.8285,
-26.5652

145.6370, 3.6300,
-44.4086

15.4560, -1.7038,
-13.5549

172.6370, 3.6300,
-44.4086

0.0000, 0.0000,
0.0000

200.2240, 3.3406,
-44.9234

228.8110, 3.0512,
-45.4382

240.0500, 7.3704,

-30.7388

■ 248.7210, 3.0955,
-12.9103

■ 62.8960, 7.4463,
-55.1598

■ 65.7010, 6.5564,
-49.7268

■ 68.6200, 6.1033,
-44.3937

■ 71.7240, 5.0661,
-38.3459

■ 74.6430, 4.6130,
-33.0129

■ 77.4480, 3.7231,
-27.5799

■ 80.2530, 2.8333,
-22.1469

■ 83.1720, 2.3802,
-16.8138

■ 86.2760, 1.3429,
-10.7661

■ 89.1950, 0.8899,
-5.4330

Harmonies

Analogous

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



73.5660, -8.6600, -22.4214



62.8960, 7.4463, -55.1598



65.4040, 17.0558, -57.3593

Triad

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



62.8960, 7.4463, -55.1598



81.9130, 18.7769, -2.5547



80.5940, -17.5478, 28.4201

Complementary

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



62.8960, 7.4463, -55.1598



29.1040, -7.4463, 55.1598

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.



81.7010, -9.7126, 35.3422



62.8960, 7.4463, -55.1598



83.5800, 10.5601, 19.6623

Square

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



62.8960, 7.4463, -55.1598



75.1050, 24.1052, -31.6641



82.4370, 0.7706, 32.9428



79.1810, -21.2882, 14.7503

Rectangle

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



62.8960, 7.4463, -55.1598



65.5980, 22.8762, -57.5294



82.4370, 0.7706, 32.9428



81.1860, -15.3747, 31.4089

Sweetspot

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



62.8960, 7.4463, -55.1598



108.5520, 2.6859, -21.5321



58.4890, -28.8351, -38.1399



54.0800, 1.9326, -13.2252



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.



62.8960, 7.4463, -55.1598



82.0680, 9.8265, -71.9736



46.2950, 22.5326, -40.6007



44.3910, 0.3002, -2.9739



75.1720, 8.7892, -65.9258



162.0330, 19.2107, -142.1029

Inverse Universe

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



29.1040, -7.4463, 55.1598



37.9320, -9.8265, 71.9736



45.7050, -22.5326, 40.6007



42.6090, -0.3002, 2.9739



34.8280, -8.7892, 65.9258



74.9670, -19.2107, 142.1029

Previews

White Background



This preview shows how the YUV color 62.8960, 7.4463, -55.1598 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 62.8960, 7.4463, -55.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

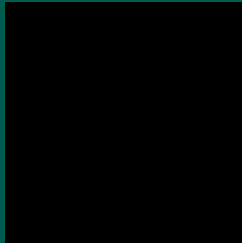
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8960, 7.4463, -55.1598

Background



This preview shows how black text looks on a background with the YUV color 62.8960, 7.4463, -55.1598.



This preview shows how white text looks on a background with the YUV color 62.8960, 7.4463, -55.1598.

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

81.1700, -4.5208, 3.3589

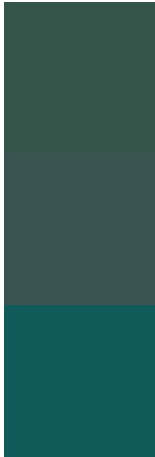
Deuteranopia

81.6310, -0.3111, 6.4626

Tritanopia

71.0750, 12.7810, -39.5308

Trichromacy



Protanomaly

74.4770, -0.2352, -17.9583

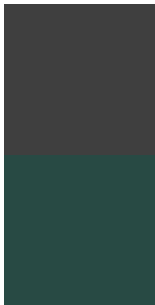
Deuteranomaly

74.8840, 2.5222, -15.6843

Tritanomaly

68.1730, 10.7607, -44.8787

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1500, 2.3911, -20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8960, 7.4463, -55.1598 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, 92, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 78)  
}
```

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, 92, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 78) }
```

Border

The CSS property to change the border of an element to YUV 62.8960, 7.4463, -55.1598 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, 92, 78) }
```

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

```
.border{ border-color:rgb(0, 92, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 78); box-shadow:4px  
4px 4px 4px rgb(0, 92, 78) }
```


Background

The CSS property to change the background color of an element to YUV 62.8960, 7.4463, -55.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 78) }
```

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

```
.background{ background-color: rgb(0, 92,  
78) }
```

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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