

Converting Colors

YUV(63.6140, 5.1203, -55.7895)

Have a look what the booklet for
YUV(63.6140, 5.1203, -55.7895)
contains.

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Color

**YUV(63.6140, 5.1203,
-55.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	005E4A
RGB	0, 94, 74
RGB Percent	0%, 37%, 29%
CMY	1.0000, 0.6314, 0.7098
CMYK	1.00, 0.00, 0.21, 0.63
HSL	167°, 100%, 18%
HSV	167°, 100%, 37%
XYZ	5.2387, 8.4998, 7.8431
YIQ	63.6140, -49.6040, -26.1480

Conversions

Conversions Part 2

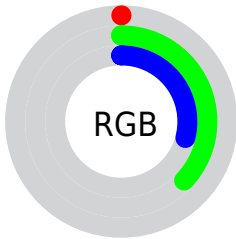
Format	Color
RYB	0, 53, 94
Decimal	24138
CIELab	35.00, -29.56, 4.72
CIELCh	35, 29.932, 170.927
Yxy	8.4998, 0.2427, 0.3938
Android (android.graphics.Color)	4278214218 (0xFF005E4A)
YUV	63.6140, 5.1203, -55.7895
Hunter-Lab	29.1545, -18.9458, 4.4580

Details

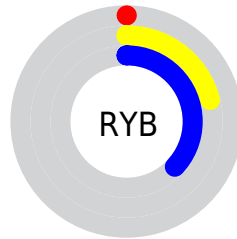
The YUV color **63.6140, 5.1203, -55.7895** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **30.3860, -5.1203, 55.7895**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4690, 1.7408, -45.1383**, and **31.0090, -0.4974, -27.1949** is the 20% darker color. If you saturate the color by 10%, you get **63.6140, 5.1203, -55.7895**, and if you desaturate by 10%, it is **66.5330, 4.6672, -50.4564**.

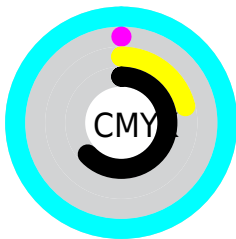
Distribution



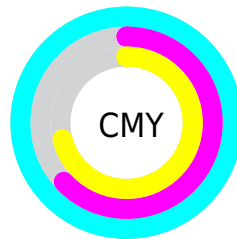
- Red (0%)
- Green (37%)
- Blue (29%)



- Red (0%)
- Yellow (21%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6140, 5.1203, -55.7895 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 63.6140, 5.1203, -55.7895 by changing the saturation by 10% instead.

■ 63.6140, 5.1203,
-55.7895

■ 63.6140, 5.1203,
-55.7895

■ 255.0000, 0.0000,
0.0000

■ 46.9040, 2.0193,
-41.1348

■ 119.4690, 1.7408,
-45.1383

■ 31.0090, -0.4974,
-27.1949

■ 146.2410, 0.8672,
-44.9384

■ 15.9460, -4.9034,
-13.9846

■ 173.2410, 0.8672,
-44.9384

■ 0.0000, 0.0000,
0.0000

■ 201.4150, 0.2884,
-45.9680

■ 228.9420, 1.0146,
-45.5531

■ 240.3490, 7.2229,

-30.1241

■ 249.0200, 2.9481,
-12.2955

■ 63.6140, 5.1203,
-55.7895

■ 66.5330, 4.6672,
-50.4564

■ 69.7510, 4.0668,
-44.5086

■ 72.6700, 3.6137,
-39.1756

■ 75.8880, 3.0132,
-33.2278

■ 78.8070, 2.5601,
-27.8947

■ 81.7260, 2.1071,
-22.5617

■ 84.9440, 1.5066,
-16.6139

■ 87.8630, 1.0535,
-11.2809

■ 91.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



74.7790, -11.7230, -19.9772



63.6140, 5.1203, -55.7895



66.4640, 16.0402, -58.2889

Triad

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



63.6140, 5.1203, -55.7895



82.3790, 21.9982, -9.1024



81.9150, -17.7061, 32.5235

Complementary

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



63.6140, 5.1203, -55.7895



30.3860, -5.1203, 55.7895

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.



82.5920, -7.6869, 38.9458



63.6140, 5.1203, -55.7895



85.3670, 13.6231, 17.2181

Square

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



63.6140, 5.1203, -55.7895



69.9610, 29.1062, -49.0778



84.1320, 3.3859, 34.0872



80.4590, -22.9043, 19.7685

Rectangle

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



63.6140, 5.1203, -55.7895



67.4730, 22.4448, -59.1738



84.1320, 3.3859, 34.0872



82.0340, -14.8068, 35.9272

Sweetspot

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



63.6140, 5.1203, -55.7895



110.4380, 2.2491, -21.4321



61.1580, -30.1509, -36.0956



53.9660, 1.4958, -13.1252



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.



63.6140, 5.1203, -55.7895



82.5580, 6.6269, -72.4034



50.0450, 21.6698, -43.8895



44.3910, 0.3002, -2.9739



74.3740, 5.7316, -65.2260



160.4370, 13.0956, -140.7032

Inverse Universe

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



30.3860, -5.1203, 55.7895



39.4420, -6.6269, 72.4034



43.9550, -21.6698, 43.8895



42.6090, -0.3002, 2.9739



35.5120, -6.1684, 65.3260



76.5630, -13.0956, 140.7032

Previews

White Background



This preview shows how the YUV color 63.6140, 5.1203, -55.7895 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 63.6140, 5.1203, -55.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

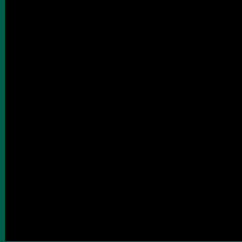
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6140, 5.1203, -55.7895

Background



This preview shows how black text looks on a background with the YUV color 63.6140, 5.1203, -55.7895.



This preview shows how white text looks on a background with the YUV color 63.6140, 5.1203, -55.7895.

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

81.8990, -6.8522, 4.4736

Deuteranopia

83.2460, -3.0793, 7.6773

Tritanopia

73.2600, 12.1968, -38.8160

Trichromacy



Protanomaly

74.9070, -2.4192, -17.4584

Deuteranomaly

76.2000, -0.0986, -15.0844

Tritanomaly

69.5320, 9.5977, -45.1936

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0360, 1.9543, -20.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6140, 5.1203, -55.7895 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, 94, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 74)  
}
```

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, 94, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 74) }
```

Border

The CSS property to change the border of an element to YUV 63.6140, 5.1203, -55.7895 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, 94, 74) }
```

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

```
.border{ border-color:rgb(0, 94, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 74); box-shadow:4px  
4px 4px 4px rgb(0, 94, 74) }
```


Background

The CSS property to change the background color of an element to YUV 63.6140, 5.1203, -55.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 74) }
```

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

```
.background{ background-color: rgb(0, 94,  
74) }
```

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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