

Converting Colors

YUV(52.7000, 11.4869,
-44.4639)

Have a look what the booklet for
YUV(52.7000, 11.4869, -44.4639)
contains.

YUV(52.7000, 11.4869, -44.4639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.7000, 11.4869,
-44.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	024A4C
RGB	2, 74, 76
RGB Percent	1%, 29%, 30%
CMY	0.9922, 0.7098, 0.7020
CMYK	0.97, 0.03, 0.00, 0.70
HSL	182°, 95%, 15%
HSV	182°, 97%, 30%
XYZ	3.7783, 5.4323, 7.6869
YIQ	52.7000, -43.5540, -14.6420

Conversions

Conversions Part 2

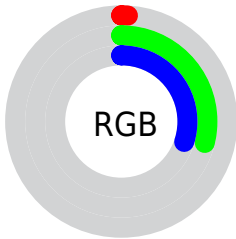
Format	Color
R_YB	2, 38, 76
Decimal	150092
CIE Lab	27.93, -18.72, -6.91
CIE LCh	28, 19.956, 200.271
Yxy	5.4323, 0.2236, 0.3215
Android (android.graphics.Color)	4278340172 (0xFF024A4C)
YUV	52.7000, 11.4869, -44.4639
Hunter-Lab	23.3072, -11.8511, -3.2392

Details

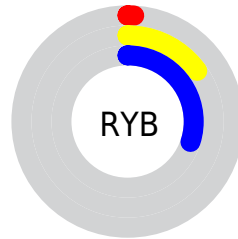
The YUV color **52.7000, 11.4869, -44.4639** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.3000, -11.4869, 44.4639**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.5870, 9.5706, -36.4718**, and **21.8450, 5.0064, -19.1581** is the 20% darker color. If you saturate the color by 10%, you get **52.1020, 11.7817, -45.6935**, and if you desaturate by 10%, it is **55.0920, 10.3076, -39.5457**.

Distribution



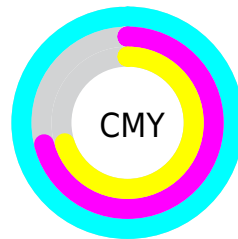
- Red (1%)
- Green (29%)
- Blue (30%)



- Red (1%)
- Yellow (15%)
- Blue (30%)



- Cyan (97%)
- Magenta (3%)
- Yellow (0%)
- Black (70%)



- Cyan (99%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7000, 11.4869, -44.4639 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 52.7000, 11.4869, -44.4639 by changing the saturation by 10% instead.

■ 52.7000, 11.4869,
-44.4639

■ 52.7000, 11.4869,
-44.4639

■ 255.0000, 0.0000,
0.0000

■ 35.9790, 8.3914,
-31.5536

■ 105.5870, 9.5706,
-36.4718

■ 21.8450, 5.0064,
-19.1581

■ 131.5870, 9.5706,
-36.4718

■ 0.9120, 3.4944,
-0.7998

■ 158.1740, 9.2812,
-36.9866

■ 0.0000, 0.0000,
0.0000

■ 185.2880, 9.7180,
-37.0866

■ 213.2880, 9.7180,
-37.0866

■ 238.2560, 8.2548,

-34.4275

■ 246.6280, 4.1274,
-17.2138

■ 52.7000, 11.4869,
-44.4639

■ 52.7000, 11.4869,
-44.4639

■ 52.1020, 11.7817,
-45.6935

■ 55.0920, 10.3076,
-39.5457

■ 57.1850, 9.2758,
-35.2422

■ 60.1640, 7.8071,
-30.8388

■ 62.2570, 6.7753,
-26.5354

■ 64.6490, 5.5960,
-21.6172

■ 67.0410, 4.4168,
-16.6990

■ 69.1340, 3.3849,
-12.3955

■ 72.1130, 1.9163,
-7.9921

■ 74.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



58.3510, 0.8130, -27.4948



52.7000, 11.4869, -44.4639



53.3070, 17.5966, -44.1192

Triad

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



52.7000, 11.4869, -44.4639



67.7700, 8.9874, 10.7257



65.0050, -14.2995, 13.1506

Complementary

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



52.7000, 11.4869, -44.4639



25.3000, -11.4869, 44.4639

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.



66.1570, -11.4164, 21.7873



52.7000, 11.4869, -44.4639



67.4140, 2.2609, 21.5619

Square

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



52.7000, 11.4869, -44.4639



66.3380, 14.1304, -5.5584



66.7860, -5.3175, 25.6207



63.5690, -13.0985, 1.2550

Rectangle

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



52.7000, 11.4869, -44.4639



58.9820, 17.2639, -30.6792



66.7860, -5.3175, 25.6207



65.4400, -14.0209, 17.1541

Sweetspot

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



52.7000, 11.4869, -44.4639



90.6280, 4.1274, -17.2138



45.5520, -20.9781, -38.1951



45.6180, 2.6533, -11.0660



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



52.7000, 11.4869, -44.4639



68.2250, 15.1721, -59.8333



31.5680, 21.9050, -25.9311



36.8040, 0.5896, -2.4591



69.7410, 15.9037, -61.1629



157.1210, 35.9293, -137.7951

Inverse Universe

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



32.3340, 20.5413, 38.2951



40.6590, 27.7761, 51.1651



46.4320, -21.9050, 25.9311



35.6520, 1.1576, 2.0592



41.7840, 28.2075, 52.8094



94.1920, 63.5023, 119.1036

Previews

White Background



This preview shows how the YUV color 52.7000, 11.4869, -44.4639 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 52.7000, 11.4869, -44.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

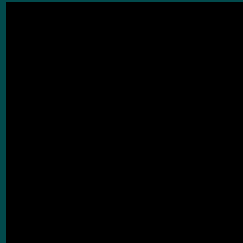
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7000, 11.4869, -44.4639

Background



This preview shows how black text looks on a background with the YUV color 52.7000, 11.4869, -44.4639.



This preview shows how white text looks on a background with the YUV color 52.7000, 11.4869,

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

52.7000, 11.4869, -44.4639

Protanopia

66.5700, 2.1840, -0.4999

Deuteranopia

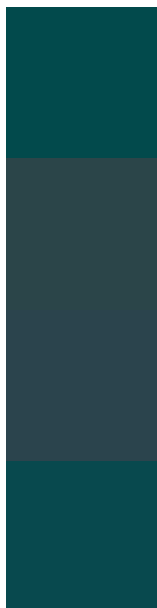
67.0800, 5.3836, -0.0702



Tritanopia

55.1460, 11.7600, -38.7160

Trichromacy



Original Color

52.7000, 11.4869, -44.4639

Protanomaly

61.6820, 5.5798, -16.3841

Deuteranomaly

61.5510, 7.6164, -16.2692

Tritanomaly

54.1350, 11.7654, -40.4604

Monochromacy



Original Color

52.7000, 11.4869, -44.4639

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9270, 3.9800, -16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7000, 11.4869, -44.4639 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(2, 74, 76)` looks like.

```
.text, #text, p{  
    color:rgb(2, 74, 76)  
}
```

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(2, 74, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 74, 76) }
```

Border

The CSS property to change the border of an element to YUV 52.7000, 11.4869, -44.4639 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(2, 74, 76) }
```


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

```
.border{ border-color:rgb(2, 74, 76) }
```

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

Here you see how a box with a 4 pixel rgb(2, 74, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 74, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 74, 76); box-shadow:4px  
4px 4px 4px rgb(2, 74, 76) }
```

Background

The CSS property to change the background color of an element to YUV 52.7000, 11.4869, -44.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 74, 76) }
```

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

```
.background{ background-color: rgb(2, 74,  
76) }
```

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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