

Converting Colors

YUV(55.9370, 18.7651,
-45.5487)

Have a look what the booklet for
YUV(55.9370, 18.7651, -45.5487)
contains.

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Color

**YUV(55.9370, 18.7651,
-45.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	044B5E
RGB	4, 75, 94
RGB Percent	2%, 29%, 37%
CMY	0.9843, 0.7059, 0.6314
CMYK	0.96, 0.20, 0.00, 0.63
HSL	193°, 92%, 19%
HSV	193°, 96%, 37%
XYZ	4.5865, 5.8661, 11.4802
YIQ	55.9370, -48.4150, -9.1430

Conversions

Conversions Part 2

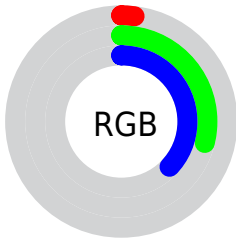
Format	Color
R_YB	4, 44, 94
Decimal	281438
CIE _{Lab}	29.07, -12.24, -16.77
CIE _{LCh}	29, 20.766, 233.875
Yxy	5.8661, 0.2091, 0.2675
Android (android.graphics.Color)	4278471518 (0xFF044B5E)
YUV	55.9370, 18.7651, -45.5487
Hunter-Lab	24.2201, -8.5828, -11.1492

Details

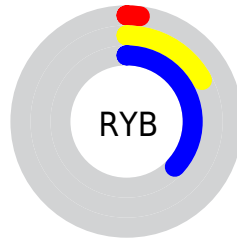
The YUV color **55.9370, 18.7651, -45.5487** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42.0630, -18.7651, 45.5487**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8350, 16.8433, -35.8123**, and **23.6690, 11.9952, -20.7577** is the 20% darker color. If you saturate the color by 10%, you get **54.1540, 19.6441, -47.4931**, and if you desaturate by 10%, it is **59.8020, 16.8596, -41.0454**.

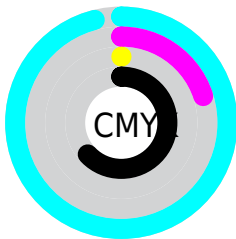
Distribution



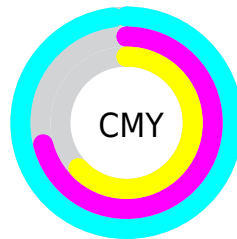
- Red (2%)
- Green (29%)
- Blue (37%)



- Red (2%)
- Yellow (17%)
- Blue (37%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9370, 18.7651, -45.5487 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 55.9370, 18.7651, -45.5487 by changing the saturation by 10% instead.

■ 55.9370, 18.7651,
-45.5487

■ 55.9370, 18.7651,
-45.5487

■ 255.0000, 0.0000,
0.0000

■ 38.5040, 15.5275,
-33.7680

■ 109.8350, 16.8433,
-35.8123

■ 23.6690, 11.9952,
-20.7577

■ 135.9490, 17.2801,
-35.9123

■ 3.6650, 11.5042,
-3.2142

■ 162.3620, 17.5695,
-35.3975

■ 0.0000, 0.0000,
0.0000

■ 190.0630, 17.7169,
-36.0123

■ 218.1770, 18.1537,
-36.1122

■ 240.0500, 7.3704,

-30.7388

■ 248.7210, 3.0955,
-12.9103

■ 55.9370, 18.7651,
-45.5487

■ 55.9370, 18.7651,
-45.5487

■ 54.1540, 19.6441,
-47.4931

■ 59.8020, 16.8596,
-41.0454

■ 63.9660, 14.8068,
-35.9272

■ 67.8310, 12.9013,
-31.4238

■ 71.9950, 10.8485,
-26.3056

■ 75.8600, 8.9430,
-21.8022

■ 79.7250, 7.0376,
-17.2988

■ 83.8890, 4.9847,
-12.1807

■ 87.7540, 3.0793,
-7.6773

■ 91.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



54.4330, 13.0975, -47.7377



55.9370, 18.7651, -45.5487



64.4390, 17.5316, -23.1870

Triad

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



55.9370, 18.7651, -45.5487



70.0830, 0.9451, 23.6062



65.8570, -13.2405, 0.1254

Complementary

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



55.9370, 18.7651, -45.5487



42.0630, -18.7651, 45.5487

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.



67.3640, -15.4625, 12.8358



55.9370, 18.7651, -45.5487



69.7430, -6.7753, 26.5354

Square

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



55.9370, 18.7651, -45.5487



70.9660, 8.3978, 13.1848



68.8150, -12.7268, 22.0872



63.6640, -7.2294, -14.6143

Rectangle

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



55.9370, 18.7651, -45.5487



68.3590, 15.5990, -9.9618



68.8150, -12.7268, 22.0872



66.8360, -14.7091, 4.5288

Sweetspot

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



55.9370, 18.7651, -45.5487



107.4260, 7.1850, -17.9136



58.8820, -18.1828, -48.1315



52.3730, 4.2531, -10.8511



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.



55.9370, 18.7651, -45.5487



70.8470, 25.2184, -62.1328



30.1090, 31.4983, -22.8976



43.9180, 1.0264, -2.5591



63.6090, 22.8708, -55.7851



136.7870, 49.4050, -119.9622

Inverse Universe

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



39.0040, 17.7460, 48.2315



47.5360, 24.3858, 65.3049



67.8910, -31.4983, 22.8976



42.9510, 1.0102, 2.6740



42.8080, 21.7867, 58.9274



92.1810, 46.7458, 127.0063

Previews

White Background



This preview shows how the YUV color 55.9370, 18.7651, -45.5487 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 55.9370, 18.7651, -45.5487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

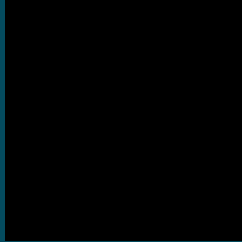
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9370, 18.7651, -45.5487

Background



This preview shows how black text looks on a background with the YUV color 55.9370, 18.7651, -45.5487.



This preview shows how white text looks on a background with the YUV color 55.9370, 18.7651,

-45.5487.

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

55.9370, 18.7651, -45.5487

Protanopia

68.8990, 9.9098, -5.1734

Deuteranopia

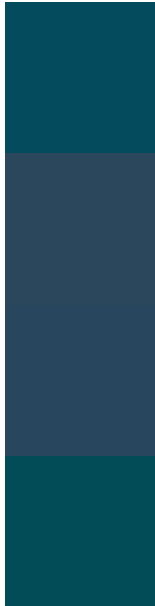
68.8000, 13.4096, -7.7176



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

55.9370, 18.7651, -45.5487

Protanomaly

64.6090, 13.0108, -19.8281

Deuteranomaly

64.4670, 15.0528, -21.4576

Tritanomaly

54.7150, 15.4235, -47.1081

Monochromacy



Original Color

55.9370, 18.7651, -45.5487

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9370, 18.7651, -45.5487 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(4, 75, 94)` looks like.

```
.text, #text, p{  
    color:rgb(4, 75, 94)  
}
```

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(4, 75, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 75, 94) }
```

Border

The CSS property to change the border of an element to YUV 55.9370, 18.7651, -45.5487 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(4, 75, 94) }
```


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

```
.border{ border-color:rgb(4, 75, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 75, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 75, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 75, 94); box-shadow:4px  
4px 4px 4px rgb(4, 75, 94) }
```

Background

The CSS property to change the background color of an element to YUV 55.9370, 18.7651, -45.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 75, 94) }
```

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

```
.background{ background-color: rgb(4, 75,  
94) }
```

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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