

Converting Colors

YUV(91.5480, -18.0182, -7.4966)

Have a look what the booklet for
YUV(91.5480, -18.0182, -7.4966)
contains.

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Color

**YUV(91.5480, -18.0182,
-7.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	536737
RGB	83, 103, 55
RGB Percent	33%, 40%, 22%
CMY	0.6745, 0.5961, 0.7843
CMYK	0.19, 0.00, 0.47, 0.60
HSL	85°, 30%, 31%
HSV	85°, 47%, 40%
XYZ	9.1071, 11.8153, 5.4150
YIQ	91.5480, 3.4880, -19.1680

Conversions

Conversions Part 2

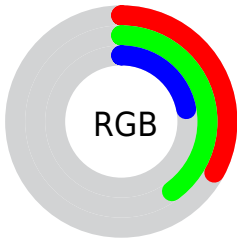
Format	Color
RYB	55, 103, 75
Decimal	5465911
CIELab	40.92, -16.55, 24.59
CIElCh	41, 29.643, 123.945
Yxy	11.8153, 0.3458, 0.4486
Android (android.graphics.Color)	4283655991 (0xFF536737)
YUV	91.5480, -18.0182, -7.4966
Hunter-Lab	34.3734, -12.8606, 14.7212

Details

The YUV color **91.5480, -18.0182, -7.4966** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.4520, 18.0182, 7.4966**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9070, -19.1812, -7.8114**, and **44.7760, -17.1446, -7.6966** is the 20% darker color. If you saturate the color by 10%, you get **89.2120, -21.7965, -8.9559**, and if you desaturate by 10%, it is **93.8840, -14.2398, -6.0373**.

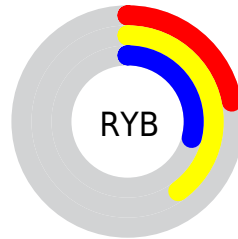
Distribution



Red (33%)

Green (40%)

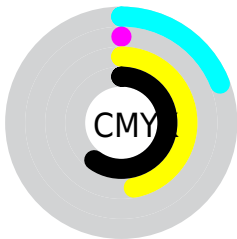
Blue (22%)



Red (22%)

Yellow (40%)

Blue (29%)

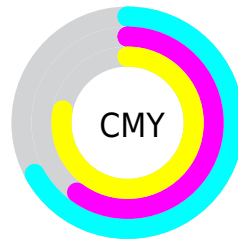


Cyan (19%)

Magenta (0%)

Yellow (47%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.5480, -18.0182, -7.4966 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 91.5480, -18.0182, -7.4966 by changing the saturation by 10% instead.

91.5480, -18.0182,
-7.4966

91.5480, -18.0182,
-7.4966

255.0000, 0.0000,
0.0000

67.7760, -17.1446,
-7.6966

141.9070,
-19.1812, -7.8114

44.7760, -17.1446,
-7.6966

168.6790,
-20.0547, -7.6115

24.4430, -12.0504,
-8.2815

196.1520,
-20.7809, -8.0263

3.5220, -1.7363,
-3.0888

224.0380,
-21.2177, -7.9263

0.0000, 0.0000,
0.0000

246.4670,
-18.4712, -2.1636

252.9480, -7.8624,

1.7996

■ 91.5480, -18.0182,
-7.4966

■ 91.5480, -18.0182,
-7.4966

■ 89.2120, -21.7965,
-8.9559

■ 93.8840, -14.2398,
-6.0373

■ 86.4630, -25.8643,
-10.9301

■ 96.6330, -10.1721,
-4.0631

■ 84.1270, -29.6426,
-12.3894

■ 98.9690, -6.3937,
-2.6038

■ 81.7910, -33.4210,
-13.8487

■ 101.3050, -2.6154,
-1.1445

■ 79.4550, -37.1993,
-15.3080

■ 103.7550, 1.5998,
0.2149

■ 78.4010, -38.6517,
-16.1377

■ 106.3900, 5.2307,
2.2890

■ 108.7260, 9.0091,
3.7483

■ 111.0620, 12.7874,
5.2076

■ 113.8110, 16.8552,
7.1818

Harmonies

Analogous

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



94.0020, -23.1720, 12.2762



91.5480, -18.0182, -7.4966



86.7930, -6.3069, -30.5135

Triad

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



91.5480, -18.0182, -7.4966



77.5950, 30.7657, -68.0508



98.3730, -2.1559, 38.2609

Complementary

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



91.5480, -18.0182, -7.4966



66.4520, 18.0182, 7.4966

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.



98.9830, 9.3754, 26.3249



91.5480, -18.0182, -7.4966



92.8930, 25.6888, -26.2162

Square

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



91.5480, -18.0182, -7.4966



77.4180, 22.4719, -67.8956



98.6580, 18.9026, 3.8079



97.2130, -12.9230, 38.4012

Rectangle

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



91.5480, -18.0182, -7.4966



80.9350, 4.9620, -51.6860



98.6580, 18.9026, 3.8079



98.3880, 1.7807, 35.6167

Sweetspot

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



91.5480, -18.0182, -7.4966



130.4420, -7.1199, -3.0186



81.0920, -12.8634, 19.2133



66.1370, -4.5045, -1.8741



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



91.5480, -18.0182, -7.4966



117.0670, -28.6270, -11.4598



84.6710, -14.6278, -21.6365



49.8320, -1.8892, -0.7297



87.5380, -43.1562, -18.0118



184.2130, -90.8170, -37.8978

Inverse Universe

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



66.4520, 18.0182, 7.4966



77.2320, 28.4796, 12.0745



73.6280, 14.4804, 22.2512



47.1680, 1.8892, 0.7297



27.4620, 43.1562, 18.0118



57.7870, 90.8170, 37.8978

Previews

White Background



This preview shows how the YUV color 91.5480, -18.0182, -7.4966 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 × Fail

Black Background



This preview shows how the YUV color 91.5480, -18.0182, -7.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 91.5480, -18.0182, -7.4966

Background



This preview shows how black text looks on a background with the YUV color 91.5480, -18.0182, -7.4966.



This preview shows how white text looks on a background with the YUV color 91.5480, -18.0182, -7.4966.

-7.4966.

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

91.5480, -18.0182, -7.4966

Protanopia

94.0880, -20.2564, 10.4468

Deuteranopia

95.5990, -18.5363, 18.7687



Tritanopia

95.8190, 4.5262, -5.1033

Trichromacy



Original Color

91.5480, -18.0182, -7.4966

Protanomaly

93.5710, -19.5085, 3.8842

Deuteranomaly

94.2450, -18.3618, 9.4321

Tritanomaly

94.0440, -3.4727, -6.1776

Monochromacy



Original Color

91.5480, -18.0182, -7.4966

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5480, -18.0182, -7.4966 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(83, 103, 55)` looks like.

```
.text, #text, p{  
    color:rgb(83, 103, 55)  
}
```

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(83, 103, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 103, 55) }
```

Border

The CSS property to change the border of an element to YUV 91.5480, -18.0182, -7.4966 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(83, 103, 55) }
```


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

```
.border{ border-color:rgb(83, 103, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 103, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 103, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 103, 55);  
box-shadow:4px 4px 4px 4px rgb(83, 103,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 91.5480, -18.0182, -7.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 103, 55) }
```

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

```
.background{ background-color: rgb(83, 103,  
55) }
```

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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