

Converting Colors

YUV(91.9380, -16.2384,
-18.3626)

Have a look what the booklet for
YUV(91.9380, -16.2384, -18.3626)
contains.

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Color

**YUV(91.9380, -16.2384,
-18.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	476D3B
RGB	71, 109, 59
RGB Percent	28%, 43%, 23%
CMY	0.7216, 0.5725, 0.7686
CMYK	0.35, 0.00, 0.46, 0.57
HSL	106°, 30%, 33%
HSV	106°, 46%, 43%
XYZ	8.8566, 12.5926, 6.1015
YIQ	91.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

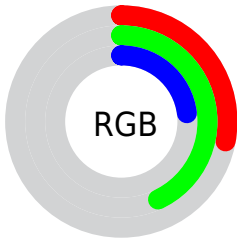
Format	Color
RYB	59, 109, 97
Decimal	4681019
CIELab	42.14, -23.94, 23.71
CIElCh	42, 33.693, 135.269
Yxy	12.5926, 0.3215, 0.4571
Android (android.graphics.Color)	4282871099 (0xFF476D3B)
YUV	91.9380, -16.2384, -18.3626
Hunter-Lab	35.4861, -17.5508, 14.6459

Details

The YUV color **91.9380, -16.2384, -18.3626** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76.0620, 16.2384, 18.3626**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8840, -17.6908, -19.1923**, and **44.3940, -14.4912, -18.7625** is the 20% darker color. If you saturate the color by 10%, you get **88.2920, -19.8640, -22.1811**, and if you desaturate by 10%, it is **95.5840, -12.6129, -14.5442**.

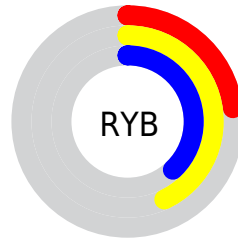
Distribution



Red (28%)

Green (43%)

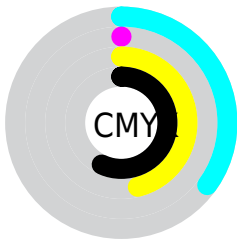
Blue (23%)



Red (23%)

Yellow (43%)

Blue (38%)

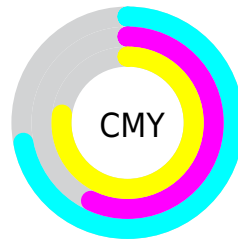


Cyan (35%)

Magenta (0%)

Yellow (46%)

Black (57%)



Cyan (72%)

Magenta (57%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9380, -16.2384, -18.3626 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 91.9380, -16.2384, -18.3626 by changing the saturation by 10% instead.

■ 91.9380, -16.2384,
-18.3626

■ 91.9380, -16.2384,
-18.3626

255.0000, 0.0000,
0.0000

■ 67.4650, -15.5122,
-17.9478

■ 142.8840,
-17.6908, -19.1923

■ 44.3940, -14.4912,
-18.7625

■ 169.7700,
-18.1276, -19.0923

■ 23.4910, -11.5811,
-18.8476

■ 197.2430,
-18.8538, -19.5071

■ 8.2180, -4.0515,
-7.2072

■ 224.8300,
-19.1432, -20.0219

■ 0.0000, 0.0000,
0.0000

■ 243.1500,
-14.3710, -10.6556

■ 253.5180, -5.6784,

1.2997

■ 91.9380, -16.2384,
-18.3626

■ 91.9380, -16.2384,
-18.3626

■ 88.2920, -19.8640,
-22.1811

■ 95.5840, -12.6129,
-14.5442

■ 84.3470, -23.3421,
-26.6143

■ 99.5290, -9.1348,
-10.1109

■ 80.7010, -26.9676,
-30.4328

■ 103.1750, -5.5093,
-6.2925

■ 77.0550, -30.5931,
-34.2512

■ 106.8210, -1.8838,
-2.4740

■ 73.5230, -33.7818,
-38.1697

■ 110.4670, 1.7418,
1.3444

■ 71.7570, -35.3762,
-40.1289

■ 114.2980, 4.7831,
5.8777

■ 117.9440, 8.4086,
9.6961

■ 121.5900, 12.0341,
13.5146

■ 125.5350, 15.5122,
17.9478

Harmonies

Analogous

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



95.3880, -25.3343, 5.7987



91.9380, -16.2384, -18.3626



83.3820, 0.3047, -51.2010

Triad

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



91.9380, -16.2384, -18.3626



79.6640, 36.1546, -69.8653



100.4510, -7.1243, 45.2085

Complementary

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



91.9380, -16.2384, -18.3626



76.0620, 16.2384, 18.3626

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.



101.8380, 5.9959, 36.9761



91.9380, -16.2384, -18.3626



98.0020, 27.1140, -16.6648

Square

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



91.9380, -16.2384, -18.3626



81.4760, 27.8663, -71.4545



102.7950, 17.8491, 15.0888



99.0300, -18.7488, 40.3157

Rectangle

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



91.9380, -16.2384, -18.3626



78.7740, 12.4364, -69.0848



102.7950, 17.8491, 15.0888



100.7050, -2.3196, 44.1087

Sweetspot

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



91.9380, -16.2384, -18.3626



136.2350, -6.5249, -7.2221



96.2560, -18.3672, 11.1765



66.9410, -3.9149, -4.3333



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



91.9380, -16.2384, -18.3626



116.0540, -25.6626, -28.9884



89.7180, -9.2280, -26.9397



51.8210, -1.8838, -2.4740



77.0510, -37.9861, -43.0177



161.4560, -79.5978, -89.8539

Inverse Universe

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



76.0620, 16.2384, 18.3626



90.9460, 25.6626, 28.9884



78.2820, 9.2280, 26.9397



49.8800, 2.0312, 1.8592



39.9490, 37.9861, 43.0177



83.5440, 79.5978, 89.8539

Previews

White Background



This preview shows how the YUV color 91.9380, -16.2384, -18.3626 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 91.9380, -16.2384, -18.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

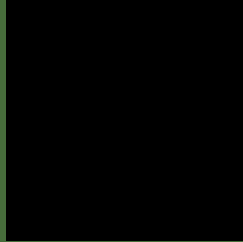
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9380, -16.2384, -18.3626

Background



This preview shows how black text looks on a background with the YUV color 91.9380, -16.2384, -18.3626.



This preview shows how white text looks on a background with the YUV color 91.9380, -16.2384, -18.3626.

-18.3626.

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

91.9380, -16.2384, -18.3626

Protanopia

96.9740, -20.6932, 10.5468

Deuteranopia

98.7130, -18.0995, 18.6687



Tritanopia

97.0350, 6.8847, -14.9397

Trichromacy



Original Color

91.9380, -16.2384, -18.3626

Protanomaly

95.2500, -19.3502, -0.2193

Deuteranomaly

96.1520, -17.3299, 5.1287

Tritanomaly

95.1460, -1.5510, -15.9140

Monochromacy



Original Color

91.9380, -16.2384, -18.3626

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7620, -5.7987, -6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9380, -16.2384, -18.3626 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(71, 109, 59)` looks like.

```
.text, #text, p{  
    color:rgb(71, 109, 59)  
}
```

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(71, 109, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 109, 59) }
```

Border

The CSS property to change the border of an element to YUV 91.9380, -16.2384, -18.3626 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(71, 109, 59) }
```


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

```
.border{ border-color:rgb(71, 109, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 109, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 109, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 109, 59);  
box-shadow:4px 4px 4px 4px rgb(71, 109,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 91.9380, -16.2384, -18.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 109, 59) }
```

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

```
.background{ background-color: rgb(71, 109,  
59) }
```

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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