

Converting Colors

YUV(90.3810, -21.3868, -0.3341)

Have a look what the booklet for
YUV(90.3810, -21.3868, -0.3341)
contains.

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Color

**YUV(90.3810, -21.3868,
-0.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	5A632F
RGB	90, 99, 47
RGB Percent	35%, 39%, 18%
CMY	0.6471, 0.6118, 0.8157
CMYK	0.09, 0.00, 0.53, 0.61
HSL	70°, 36%, 29%
HSV	70°, 53%, 39%
XYZ	9.1914, 11.3026, 4.3865
YIQ	90.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

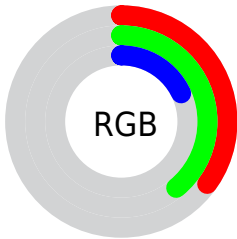
Format	Color
RYB	47, 99, 56
Decimal	5923631
CIELab	40.09, -12.25, 28.14
CIElCh	40, 30.687, 113.522
Yxy	11.3026, 0.3694, 0.4543
Android (android.graphics.Color)	4284113711 (0xFF5A632F)
YUV	90.3810, -21.3868, -0.3341
Hunter-Lab	33.6193, -10.0326, 15.7976

Details

The YUV color **90.3810, -21.3868, -0.3341** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.6190, 21.3868, 0.3341**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9250, -23.1340, 0.0658**, and **43.9680, -21.6762, -0.8489** is the 20% darker color. If you saturate the color by 10%, you get **88.6430, -25.4600, -0.5639**, and if you desaturate by 10%, it is **92.1190, -17.3137, -0.1044**.

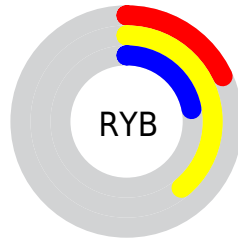
Distribution



Red (35%)

Green (39%)

Blue (18%)



Red (18%)

Yellow (39%)

Blue (22%)

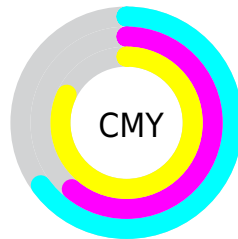


Cyan (9%)

Magenta (0%)

Yellow (53%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3810, -21.3868, -0.3341 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 90.3810, -21.3868, -0.3341 by changing the saturation by 10% instead.

90.3810, -21.3868,
-0.3341

90.3810, -21.3868,
-0.3341

255.0000, 0.0000,
0.0000

66.4950, -20.9500,
-0.4341

140.9250,
-23.1340, 0.0658

43.9680, -21.6762,
-0.8489

167.2240,
-23.2814, 0.6806

24.1770, -11.9193,
-3.6632

194.9960,
-24.1550, 0.8805

0.5870, -0.2894,
-0.5148

222.7680,
-25.0286, 1.0805

0.0000, 0.0000,
0.0000

248.1320,
-23.7291, 4.2692

251.9220,

-11.7935, 2.6994

■ 90.3810, -21.3868,
-0.3341

■ 90.3810, -21.3868,
-0.3341

■ 88.6430, -25.4600,
-0.5639

■ 92.1190, -17.3137,
-0.1044

■ 87.2040, -29.6806,
-0.1789

■ 93.5580, -13.0931,
-0.4894

■ 85.4660, -33.7537,
-0.4087

■ 95.2960, -9.0199,
-0.2596

■ 83.7280, -37.8269,
-0.6385

■ 97.0340, -4.9468,
-0.0298

■ 82.6310, -40.7371,
-0.5534

■ 98.7720, -0.8736,
0.2000

■ 100.0970, 2.9102,
-0.0851

■ 101.8350, 6.9833,
0.1447

■ 103.5730, 11.0565,
0.3745

■ 105.0120, 15.2771,
-0.0105

Harmonies

Analogous

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



92.8180, -24.0673, 19.4536



90.3810, -21.3868, -0.3341



86.2840, -10.9860, -23.0511

Triad

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



90.3810, -21.3868, -0.3341



76.9110, 28.1449, -67.4509



96.2140, 2.3595, 36.6463

Complementary

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



90.3810, -21.3868, -0.3341



55.6190, 21.3868, 0.3341

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.



97.6770, 13.4702, 19.5773



90.3810, -21.3868, -0.3341



86.1900, 28.5003, -41.3856

Square

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



90.3810, -21.3868, -0.3341



75.8050, 18.8301, -66.4810



95.1020, 22.1347, -6.2285



95.1470, -9.4395, 41.0901

Rectangle

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



90.3810, -21.3868, -0.3341



81.3940, -1.1802, -41.5645



95.1020, 22.1347, -6.2285



97.1040, 5.8647, 32.3578

Sweetspot

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



90.3810, -21.3868, -0.3341



124.4100, -8.5831, -0.3596



67.8310, -10.2697, 27.3352



62.0340, -4.9468, -0.0298



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



90.3810, -21.3868, -0.3341



114.5800, -33.3169, -0.5087



82.6070, -17.5543, -16.3183



47.5440, -1.7472, 0.3999



93.5510, -46.1206, -0.4832



200.0820, -98.6404, -1.8259

Inverse Universe

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



55.6190, 21.3868, 0.3341



60.4200, 33.3169, 0.5087



63.3930, 17.5543, 16.3183



44.4560, 1.7472, -0.3999



18.4490, 46.1206, 0.4832



39.6190, 98.7878, 1.2111

Previews

White Background



This preview shows how the YUV color 90.3810, -21.3868, -0.3341 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 90.3810, -21.3868, -0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

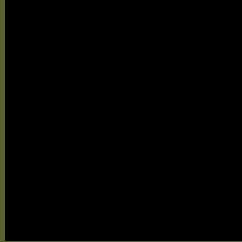
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3810, -21.3868, -0.3341

Background



This preview shows how black text looks on a background with the YUV color 90.3810, -21.3868, -0.3341.



This preview shows how white text looks on a background with the YUV color 90.3810, -21.3868,

-0.3341.

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

90.3810, -21.3868, -0.3341

Protanopia

91.5180, -22.4404, 10.9467

Deuteranopia

93.1000, -21.7413, 20.0833



Tritanopia

94.8090, 3.0522, 1.0445

Trichromacy



Original Color

90.3810, -21.3868, -0.3341

Protanomaly

91.1970, -22.2821, 6.8432

Deuteranomaly

92.0560, -21.7196, 13.1059

Tritanomaly

93.1050, -5.9678, 0.7849

Monochromacy



Original Color

90.3810, -21.3868, -0.3341

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3810, -21.3868, -0.3341 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(90, 99, 47)` looks like.

```
.text, #text, p{  
    color:rgb(90, 99, 47)  
}
```

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(90, 99, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 99, 47) }
```

Border

The CSS property to change the border of an element to YUV 90.3810, -21.3868, -0.3341 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(90, 99, 47) }
```


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

```
.border{ border-color:rgb(90, 99, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 99, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 99, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 99, 47);  
box-shadow:4px 4px 4px 4px rgb(90, 99, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.3810, -21.3868, -0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 99, 47) }
```

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

```
.background{ background-color: rgb(90, 99,  
47) }
```

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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