

Converting Colors

YUV(101.6810, -6.2517, -1.4742)

Have a look what the booklet for
YUV(101.6810, -6.2517, -1.4742)
contains.

YUV(101.6810, -6.2517, -1.4742)	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(101.6810, -6.2517,
-1.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	646959
RGB	100, 105, 89
RGB Percent	39%, 41%, 35%
CMY	0.6078, 0.5882, 0.6510
CMYK	0.05, 0.00, 0.15, 0.59
HSL	79°, 8%, 38%
HSV	79°, 15%, 41%
XYZ	12.1103, 13.5337, 11.4252
YIQ	101.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

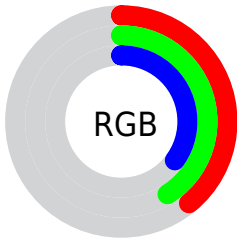
Format	Color
R_{YB}	89, 105, 94
Decimal	6580569
CIE _{Lab}	43.56, -5.11, 8.35
CIE _{LCh}	44, 9.791, 121.469
Yxy	13.5337, 0.3267, 0.3651
Android (android.graphics.Color)	4284770649 (0xFF646959)
YUV	101.6810, -6.2517, -1.4742
Hunter-Lab	36.7882, -5.6192, 7.3383

Details

The YUV color **101.6810, -6.2517, -1.4742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.3190, 6.2517, 1.4742**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5670, -6.6885, -1.3743**, and **54.7950, -5.8149, -1.5742** is the 20% darker color. If you saturate the color by 10%, you get **99.6440, -10.1775, -2.3188**, and if you desaturate by 10%, it is **103.7180, -2.3260, -0.6297**.

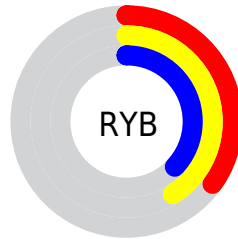
Distribution



Red (39%)

Green (41%)

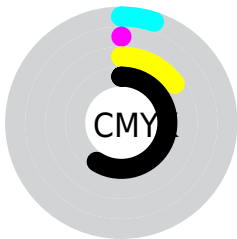
Blue (35%)



Red (35%)

Yellow (41%)

Blue (37%)

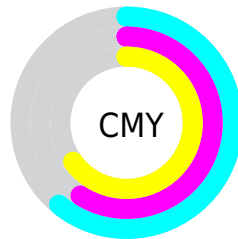


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6810, -6.2517, -1.4742 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 101.6810, -6.2517, -1.4742 by changing the saturation by 10% instead.

■ 101.6810, -6.2517,
-1.4742

■ 101.6810, -6.2517,
-1.4742

■ 255.0000, 0.0000,
0.0000

■ 77.7950, -5.8149,
-1.5742

■ 152.5670, -6.6885,
-1.3743

■ 54.7950, -5.8149,
-1.5742

■ 179.4530, -7.1253,
-1.2743

■ 33.3220, -5.0887,
-1.1594

■ 207.0400, -7.4147,
-1.7891

■ 10.8980, -5.3727,
-3.4185

■ 235.0400, -7.4147,
-1.7891

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,
0.5999

■ 101.6810, -6.2517,
-1.4742

■ 101.6810, -6.2517,
-1.4742

■ 99.6440, -10.1775,
-2.3188

■ 103.7180, -2.3260,
-0.6297

■ 97.1940, -14.3926,
-3.6781

■ 106.1680, 1.8892,
0.7297

■ 95.1570, -18.3184,
-4.5227

■ 108.2050, 5.8149,
1.5742

■ 93.0060, -22.6810,
-5.2673

■ 110.3560, 10.1775,
2.3188

■ 90.9690, -26.6067,
-6.1118

■ 112.5070, 14.5400,
3.0634

■ 88.5190, -30.8219,
-7.4712

■ 114.8430, 18.3184,
4.5227

■ 86.3680, -35.1844,
-8.2157

■ 116.8800, 22.2442,
5.3672

■ 84.3310, -39.1102,

■ 119.0310, 26.6067,

-9.0603

6.1118

■ 83.1630, -40.9994,
-9.7900

■ 121.4810, 30.8219,
7.4712

Harmonies

Analogous

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



102.3830, -7.5838, 5.8031



101.6810, -6.2517, -1.4742



100.8480, -2.8831, -8.6367

Triad

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



101.6810, -6.2517, -1.4742



101.2740, 7.7529, -13.3953



104.2620, -0.6222, 12.9252

Complementary

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



101.6810, -6.2517, -1.4742



92.3190, 6.2517, 1.4742

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.



104.2660, 3.3199, 8.5367



101.6810, -6.2517, -1.4742



102.4320, 8.1680, -6.5179

Square

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



101.6810, -6.2517, -1.4742



99.9810, 5.4324, -15.7693



104.0200, 6.3991, 0.8595



104.2360, -4.5533, 13.8250

Rectangle

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



101.6810, -6.2517, -1.4742



100.5100, -0.2514, -12.7253



104.0200, 6.3991, 0.8595



104.8920, 0.5462, 11.4957

Sweetspot

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



101.6810, -6.2517, -1.4742



136.6040, -2.7628, -0.5297



96.7190, -3.8055, 7.2624



68.2450, -1.5998, -0.2149



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.



101.6810, -6.2517, -1.4742



132.7580, -9.7407, -2.4188



99.2890, -5.0725, -6.3925



52.7180, -2.3260, -0.6297



92.8980, -45.7987, -10.4345



194.0470, -95.6652, -22.8432

Inverse Universe

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



92.3190, 6.2517, 1.4742



118.2420, 9.7407, 2.4188



94.7110, 5.0725, 6.3925



49.2820, 2.3260, 0.6297



24.4010, 45.6513, 11.0493



50.9530, 95.6652, 22.8432

Previews

White Background



This preview shows how the YUV color 101.6810, -6.2517, -1.4742 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 101.6810, -6.2517, -1.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

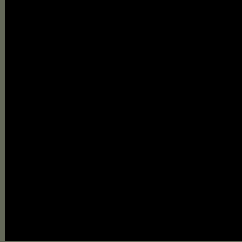
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6810, -6.2517, -1.4742

Background



This preview shows how black text looks on a background with the YUV color 101.6810, -6.2517, -1.4742.



This preview shows how white text looks on a background with the YUV color 101.6810, -6.2517,

-1.4742.

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

101.6810, -6.2517, -1.4742

Protanopia

102.7850, -7.2890, 4.5736

Deuteranopia

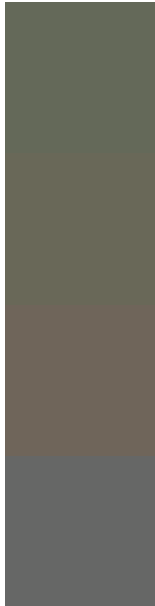
103.3560, -6.5845, 11.9658



Tritanopia

103.2110, 3.3470, -0.1850

Trichromacy



Original Color

101.6810, -6.2517, -1.4742

Protanomaly

102.4750, -7.1362, 2.2144

Deuteranomaly

102.7360, -6.2788, 7.2475

Tritanomaly

102.5870, -0.2894, -0.5148

Monochromacy



Original Color

101.6810, -6.2517, -1.4742

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7180, -2.3260, -0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6810, -6.2517, -1.4742 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(100, 105, 89)` looks like.

```
.text, #text, p{  
    color:rgb(100, 105, 89)  
}
```

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(100, 105, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 105, 89) }
```

Border

The CSS property to change the border of an element to YUV 101.6810, -6.2517, -1.4742 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(100, 105, 89) }
```


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

```
.border{ border-color:rgb(100, 105, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 105, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 105, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 105, 89);  
box-shadow:4px 4px 4px 4px rgb(100, 105,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 101.6810, -6.2517, -1.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 105, 89) }
```

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

```
.background{ background-color: rgb(100,  
105, 89) }
```

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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