

Converting Colors

YUV(100.1680, -14.8728,
10.3767)

Have a look what the booklet for
YUV(100.1680, -14.8728, 10.3767)
contains.

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Color

**YUV(100.1680, -14.8728,
10.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	706446
RGB	112, 100, 70
RGB Percent	44%, 39%, 27%
CMY	0.5608, 0.6078, 0.7255
CMYK	0.00, 0.11, 0.37, 0.56
HSL	43°, 23%, 36%
HSV	43°, 37%, 44%
XYZ	12.3448, 13.0013, 7.6532
YIQ	100.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

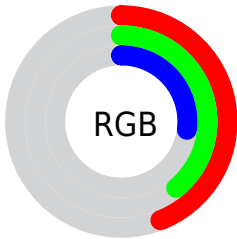
Format	Color
RYB	87, 112, 70
Decimal	7365702
CIELab	42.77, -0.09, 18.78
CIELCh	43, 18.781, 90.262
Yxy	13.0013, 0.3741, 0.3940
Android (android.graphics.Color)	4285555782 (0xFF706446)
YUV	100.1680, -14.8728, 10.3767
Hunter-Lab	36.0573, -1.9881, 12.6557

Details

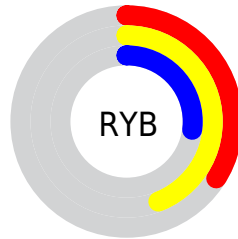
The YUV color **100.1680, -14.8728, 10.3767** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.8320, 14.8728, -10.3767**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2390, -15.8938, 11.1914**, and **53.4990, -13.5570, 8.3324** is the 20% darker color. If you saturate the color by 10%, you get **97.1530, -18.8094, 13.0208**, and if you desaturate by 10%, it is **103.1830, -10.9362, 7.7325**.

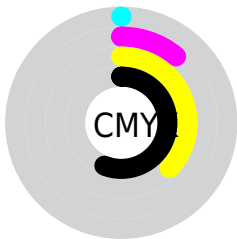
Distribution



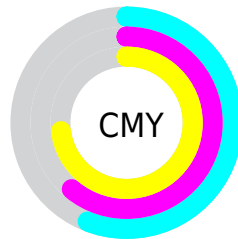
- Red (44%)
- Green (39%)
- Blue (27%)



- Red (34%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (56%)



- Cyan (56%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1680, -14.8728, 10.3767 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 100.1680, -14.8728, 10.3767 by changing the saturation by 10% instead.

■ 100.1680,
-14.8728, 10.3767

■ 100.1680,
-14.8728, 10.3767

■ 255.0000, 0.0000,
0.0000

■ 75.9830, -14.2886,
9.6619

■ 151.2390,
-15.8938, 11.1914

■ 53.4990, -13.5570,
8.3324

■ 177.7230,
-16.6254, 12.5209

■ 31.0430, -15.3042,
8.7323

■ 205.6090,
-17.0622, 12.6209

■ 10.3550, -5.1050,
4.0737

■ 233.7940,
-17.6464, 13.3357

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 100.1680,
-14.8728, 10.3767

■ 100.1680,
-14.8728, 10.3767

■ 97.1530, -18.8094,
13.0208

■ 103.1830,
-10.9362, 7.7325

■ 94.1380, -22.7460,
15.6650

■ 106.1980, -6.9996,
5.0884

■ 90.4220, -26.8300,
18.9239

■ 109.9140, -2.9156,
1.8294

■ 87.4070, -30.7667,
21.5681

■ 112.9290, 1.0210,
-0.8147

■ 84.3920, -34.7033,
24.2122

■ 115.9440, 4.9576,
-3.4589

■ 81.3770, -38.6399,
26.8564

■ 118.9590, 8.8942,
-6.1030

■ 80.4480, -39.6609,
27.6711

■ 121.9740, 12.8308,
-8.7472

■ 125.6900, 16.9148,

-12.0061

■ 128.7050, 20.8514,
-14.6503

Harmonies

Analogous

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



101.6900, -13.1582, 20.4429



100.1680, -14.8728, 10.3767



98.4760, -12.0667, -3.0485

Triad

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



100.1680, -14.8728, 10.3767



93.0540, 11.3124, -35.1274



103.5210, 6.6451, 15.3291

Complementary

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



100.1680, -14.8728, 10.3767



81.8320, 14.8728, -10.3767

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.



102.3280, 12.6563, 0.5893



100.1680, -14.8728, 10.3767



95.8250, 15.3693, -29.6645

Square

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



100.1680, -14.8728, 10.3767



94.3230, 3.2918, -29.2243



99.4400, 16.0521, -15.2949



103.5130, -1.2389, 24.1061

Rectangle

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



100.1680, -14.8728, 10.3767



97.1590, -7.9664, -11.5404



99.4400, 16.0521, -15.2949



103.6560, 8.5506, 10.8257

Sweetspot

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



100.1680, -14.8728, 10.3767



140.8280, -5.8312, 3.6588



84.0400, -0.5127, 24.5209



71.0990, -3.4998, 2.5442



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.1680, -14.8728, 10.3767



127.0240, -23.1828, 15.7650



104.8200, -17.1663, -0.7191



54.1420, -2.0420, 1.6295



86.3620, -42.5765, 29.5005



177.7520, -87.6317, 60.7305

Inverse Universe

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



81.8320, 14.8728, -10.3767



98.5630, 22.8934, -16.2798



77.1800, 17.1663, 0.7191



51.8580, 2.0420, -1.6295



33.6380, 42.5765, -29.5005



69.8350, 87.3423, -61.2453

Previews

White Background



This preview shows how the YUV color 100.1680, -14.8728, 10.3767 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 100.1680, -14.8728, 10.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

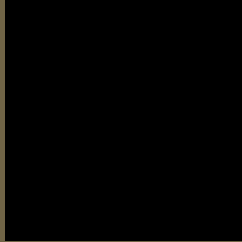
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.1680, -14.8728, 10.3767

Background



This preview shows how black text looks on a background with the YUV color 100.1680, -14.8728, 10.3767.



This preview shows how white text looks on a background with the YUV color 100.1680, -14.8728, 10.3767.

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

100.1680, -14.8728, 10.3767

Protanopia

99.8580, -14.7200, 8.0175

Deuteranopia

100.9130, -14.7471, 16.7393



Tritanopia

102.7780, 0.1094, 11.5957

Trichromacy



Original Color

100.1680, -14.8728, 10.3767

Protanomaly

100.1570, -14.8674, 8.6323

Deuteranomaly

100.6030, -14.5943, 14.3802

Tritanomaly

101.6980, -5.2741, 11.6659

Monochromacy



Original Color

100.1680, -14.8728, 10.3767

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1680, -14.8728, 10.3767 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(112, 100, 70)` looks like.

```
.text, #text, p{  
    color:rgb(112, 100, 70)  
}
```

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(112, 100, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 100, 70) }
```

Border

The CSS property to change the border of an element to YUV 100.1680, -14.8728, 10.3767 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(112, 100, 70) }
```


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

```
.border{ border-color:rgb(112, 100, 70) }
```

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

Here you see how a box with a 4 pixel rgb(112, 100, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 100, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 100, 70);  
box-shadow:4px 4px 4px 4px rgb(112, 100,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 100.1680, -14.8728, 10.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 100, 70) }
```

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

```
.background{ background-color: rgb(112,  
100, 70) }
```

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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