

Converting Colors

YUV(109.4010, -14.9877,
0.5253)

Have a look what the booklet for
YUV(109.4010, -14.9877, 0.5253)
contains.

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Color

**YUV(109.4010, -14.9877,
0.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	6E734F
RGB	110, 115, 79
RGB Percent	43%, 45%, 31%
CMY	0.5686, 0.5490, 0.6902
CMYK	0.04, 0.00, 0.31, 0.55
HSL	68°, 19%, 38%
HSV	68°, 31%, 45%
XYZ	13.9724, 16.1410, 9.7762
YIQ	109.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

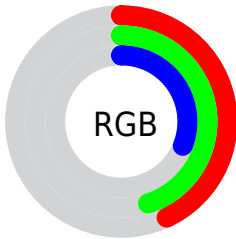
Format	Color
RYB	79, 115, 84
Decimal	7238479
CIELab	47.16, -8.35, 19.34
CIELCh	47, 21.064, 113.359
Yxy	16.1410, 0.3503, 0.4046
Android (android.graphics.Color)	4285428559 (0xFF6E734F)
YUV	109.4010, -14.9877, 0.5253
Hunter-Lab	40.1758, -8.2287, 13.6957

Details

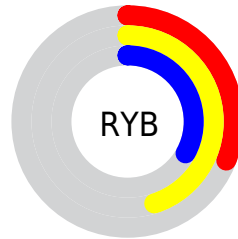
The YUV color $[109.4010, -14.9877, 0.5253]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[84.5990, 14.9877, -0.5253]$, and the grayscale version is $[110.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[161.0590, -16.2981, 0.8253]$, and $[61.7430, -13.6773, 0.2254]$ is the 20% darker color. If you saturate the color by 10%, you get $[107.5490, -19.4977, 0.3955]$, and if you desaturate by 10%, it is $[111.3670, -10.0409, 0.5551]$.

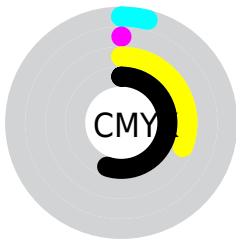
Distribution



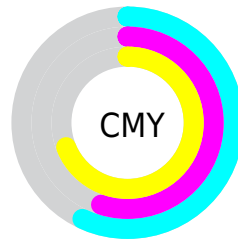
- Red (43%)
- Green (45%)
- Blue (31%)



- Red (31%)
- Yellow (45%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4010, -14.9877, 0.5253 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 109.4010, -14.9877, 0.5253 by changing the saturation by 10% instead.

■ 109.4010,
-14.9877, 0.5253

■ 109.4010,
-14.9877, 0.5253

■ 255.0000, 0.0000,
0.0000

■ 84.6290, -14.1141,
0.3254

■ 161.0590,
-16.2981, 0.8253

■ 61.7430, -13.6773,
0.2254

■ 188.0590,
-16.2981, 0.8253

■ 39.4440, -13.5299,
-0.3894

■ 215.8310,
-17.1717, 1.0252

■ 19.7580, -9.7407,
-2.4188

■ 244.1300,
-17.3191, 1.6400

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 109.4010,
-14.9877, 0.5253

■ 109.4010,
-14.9877, 0.5253

■ 107.5490,
-19.4977, 0.3955

■ 111.3670,
-10.0409, 0.5551

■ 105.8820,
-24.5918, 0.9805

■ 112.9200, -5.3836,
0.0702

■ 104.0300,
-29.1018, 0.8507

■ 114.8860, -0.4368,
0.1000

■ 102.3630,
-34.1960, 1.4356

■ 116.4390, 4.2206,
-0.3850

■ 100.5110,
-38.7059, 1.3059

■ 118.4050, 9.1673,
-0.3552

■ 98.5450, -43.6527,
1.2760

■ 120.2570, 13.6773,
-0.2254

■ 97.1060, -47.8733,
1.6610

■ 121.9240, 18.7715,
-0.8103

■ 123.7760, 23.2814,

-0.6806

■ 125.4430, 28.3756,
-1.2655

Harmonies

Analogous

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



111.0330, -16.7783, 14.8801



109.4010, -14.9877, 0.5253



107.0230, -8.3923, -14.9292

Triad

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



109.4010, -14.9877, 0.5253



104.3510, 17.5750, -37.1418



114.3930, 0.7923, 25.9653

Complementary

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



109.4010, -14.9877, 0.5253



84.5990, 14.9877, -0.5253

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.



114.7920, 8.9765, 14.2144



109.4010, -14.9877, 0.5253



109.0800, 18.6946, -22.8722

Square

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



109.4010, -14.9877, 0.5253



102.3200, 11.1812, -39.7456



112.9900, 15.2879, -3.4992



113.3520, -7.0755, 29.5093

Rectangle

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



109.4010, -14.9877, 0.5253



105.2650, -2.1026, -25.6654



112.9900, 15.2879, -3.4992



114.7670, 3.5659, 23.0063

Sweetspot

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



109.4010, -14.9877, 0.5253



148.2190, -5.5310, 0.6849



92.6990, -6.7536, 19.5580



75.3760, -3.6364, -0.3298



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



109.4010, -14.9877, 0.5253



141.4090, -23.8656, 1.3953



104.0190, -12.3344, -10.5407



58.0170, -2.4734, -0.0149



103.0090, -50.7834, 1.7461



211.0350, -104.0403, 3.4773

Inverse Universe

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



84.5990, 14.9877, -0.5253



101.8900, 23.7182, -0.7805



89.9810, 12.3344, 10.5407



53.9830, 2.4734, 0.0149



18.9910, 50.7834, -1.7461



38.9650, 104.0403, -3.4773

Previews

White Background



This preview shows how the YUV color 109.4010, -14.9877, 0.5253 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 109.4010, -14.9877, 0.5253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

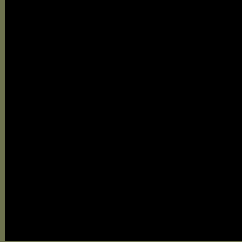
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

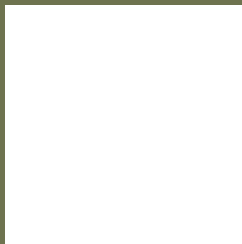
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.4010, -14.9877, 0.5253

Background



This preview shows how black text looks on a background with the YUV color 109.4010, -14.9877, 0.5253.



This preview shows how white text looks on a background with the YUV color 109.4010, -14.9877,

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

109.4010, -14.9877, 0.5253

Protanopia

110.8150, -16.1778, 8.9322

Deuteranopia

111.5110, -15.0419, 17.9689



Tritanopia

112.5210, 3.1941, 2.1741

Trichromacy



Original Color

109.4010, -14.9877, 0.5253

Protanomaly

110.2060, -15.8776, 5.9583

Deuteranomaly

110.7660, -15.1676, 11.6062

Tritanomaly

111.3870, -3.6418, 1.4146

Monochromacy



Original Color

109.4010, -14.9877, 0.5253

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4010, -14.9877, 0.5253 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(110, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 79)  
}
```

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(110, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 79) }
```

Border

The CSS property to change the border of an element to YUV 109.4010, -14.9877, 0.5253 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(110, 115, 79) }
```


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

```
.border{ border-color:rgb(110, 115, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 115, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 115, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 115, 79);  
box-shadow:4px 4px 4px 4px rgb(110, 115,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 109.4010, -14.9877, 0.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 79) }
```

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

```
.background{ background-color: rgb(110,  
115, 79) }
```

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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