

Converting Colors

YUV(95.1370, -7.9555, -15.0291)

Have a look what the booklet for
YUV(95.1370, -7.9555, -15.0291)
contains.

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Color

**YUV(95.1370, -7.9555,
-15.0291)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6B4F
RGB	78, 107, 79
RGB Percent	31%, 42%, 31%
CMY	0.6941, 0.5804, 0.6902
CMYK	0.27, 0.00, 0.26, 0.58
HSL	122°, 16%, 36%
HSV	122°, 27%, 42%
XYZ	9.8109, 12.6996, 9.3313
YIQ	95.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

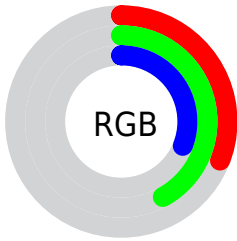
Format	Color
R_{YB}	78, 106, 107
Decimal	5139279
CIE _{Lab}	42.31, -16.78, 12.35
CIE _{LCh}	42, 20.835, 143.640
Yxy	12.6996, 0.3081, 0.3988
Android (android.graphics.Color)	4283329359 (0xFF4E6B4F)
YUV	95.1370, -7.9555, -15.0291
Hunter-Lab	35.6365, -13.2222, 9.4206

Details

The YUV color **95.1370, -7.9555, -15.0291** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.8630, 7.9555, 15.0291**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1970, -8.9711, -15.9588**, and **48.0770, -6.9400, -14.0995** is the 20% darker color. If you saturate the color by 10%, you get **90.7080, -10.7020, -20.7919**, and if you desaturate by 10%, it is **99.5660, -5.2090, -9.2664**.

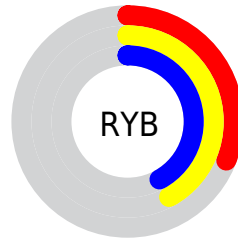
Distribution



Red (31%)

Green (42%)

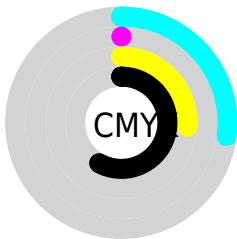
Blue (31%)



Red (31%)

Yellow (42%)

Blue (42%)

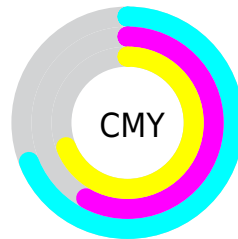


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1370, -7.9555, -15.0291 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 95.1370, -7.9555, -15.0291 by changing the saturation by 10% instead.

95.1370, -7.9555,
-15.0291

95.1370, -7.9555,
-15.0291

255.0000, 0.0000,
0.0000

71.5500, -7.6661,
-14.5143

146.1970, -8.9711,
-15.9588

48.0770, -6.9400,
-14.0995

172.7840, -9.2605,
-16.4736

26.4900, -6.6506,
-13.5847

199.7840, -9.2605,
-16.4736

8.8050, -4.3409,
-7.7220

228.3710, -9.5499,
-16.9884

0.0000, 0.0000,
0.0000

247.5660, -5.2090,
-9.2664

■ 95.1370, -7.9555,
-15.0291

■ 95.1370, -7.9555,
-15.0291

■ 90.7080, -10.7020,
-20.7919

■ 99.5660, -5.2090,
-9.2664

■ 86.4640, -14.0328,
-25.8399

■ 103.8100, -1.8783,
-4.2184

■ 82.0350, -16.7793,
-31.6027

■ 108.2390, 0.8682,
1.5444

■ 77.6060, -19.5258,
-37.3655

■ 112.6680, 3.6147,
7.3072

■ 73.0630, -22.7091,
-43.0283

■ 117.2110, 6.7980,
12.9700

■ 68.9330, -25.6030,
-48.1762

■ 121.3410, 9.6919,
18.1179

■ 64.5040, -28.3495,
-53.9390

■ 125.7700, 12.4384,
23.8807

■ 63.2650, -29.2176,

■ 130.3130, 15.6217,

-55.4834

29.5435

■ 134.4430, 18.5156,
34.6915

Harmonies

Analogous

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



97.5150, -14.5509, 0.4253



95.1370, -7.9555, -15.0291



92.1550, 1.4026, -29.9539

Triad

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



95.1370, -7.9555, -15.0291



97.2650, 18.1104, -22.1574



101.6400, -7.2175, 28.3797

Complementary

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



95.1370, -7.9555, -15.0291



89.8630, 7.9555, 15.0291

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.



102.0940, 0.9397, 25.3506



95.1370, -7.9555, -15.0291



100.8760, 14.8511, -3.3993

Square

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



95.1370, -7.9555, -15.0291



92.2370, 17.1382, -37.0418



102.3790, 8.6872, 13.6996



100.5980, -13.6058, 24.0316

Rectangle

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



95.1370, -7.9555, -15.0291



90.5330, 8.1182, -37.3014



102.3790, 8.6872, 13.6996



101.7370, -4.3073, 28.2947

Sweetspot

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



95.1370, -7.9555, -15.0291



135.4570, -3.1833, -5.6628



103.3950, -12.5197, 2.2846



68.2230, -1.5889, -3.7036



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.



95.1370, -7.9555, -15.0291



121.2300, -12.4384, -23.8807



96.7330, -1.8404, -16.4288



51.5220, -1.7363, -3.0888



69.1350, -32.1116, -60.6314



144.7270, -67.4064, -126.9256

Inverse Universe

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



89.8630, 7.9555, 15.0291



112.8840, 12.8752, 23.7807



88.2670, 1.8404, 16.4288



50.3640, 1.2995, 3.1888



47.8650, 32.1116, 60.6314



100.1590, 66.9696, 127.0256

Previews

White Background



This preview shows how the YUV color 95.1370, -7.9555, -15.0291 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 95.1370, -7.9555, -15.0291 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 95.1370, -7.9555, -15.0291

Background



This preview shows how black text looks on a background with the YUV color 95.1370, -7.9555, -15.0291.



This preview shows how white text looks on a background with the YUV color 95.1370, -7.9555,

-15.0291.

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

95.1370, -7.9555, -15.0291

Protanopia

98.4710, -11.0782, 6.6029

Deuteranopia

99.9710, -9.3527, 13.1804



Tritanopia

98.2310, 6.2951, -12.4806

Trichromacy



Original Color

95.1370, -7.9555, -15.0291

Protanomaly

97.3560, -10.0355, -1.1892

Deuteranomaly

98.3180, -9.0308, 3.2291

Tritanomaly

96.8520, 1.0590, -13.0252

Monochromacy



Original Color

95.1370, -7.9555, -15.0291

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1370, -7.9555, -15.0291 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(78, 107, 79)` looks like.

```
.text, #text, p{  
    color:rgb(78, 107, 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(78, 107, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 107, 79) }
```

Border

The CSS property to change the border of an element to YUV 95.1370, -7.9555, -15.0291 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(78, 107, 79) }
```


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

```
.border{ border-color:rgb(78, 107, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 107, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 107, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 107, 79);  
box-shadow:4px 4px 4px 4px rgb(78, 107,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 95.1370, -7.9555, -15.0291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 107, 79) }
```

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

```
.background{ background-color: rgb(78, 107,  
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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