

Converting Colors

YUV(95.5100, -13.5624,
10.0767)

Have a look what the booklet for
YUV(95.5100, -13.5624, 10.0767)
contains.

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Color

**YUV(95.5100, -13.5624,
10.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5F44
RGB	107, 95, 68
RGB Percent	42%, 37%, 27%
CMY	0.5804, 0.6275, 0.7333
CMYK	0.00, 0.11, 0.36, 0.58
HSL	42°, 22%, 34%
HSV	42°, 36%, 42%
XYZ	11.1990, 11.7276, 7.1422
YIQ	95.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

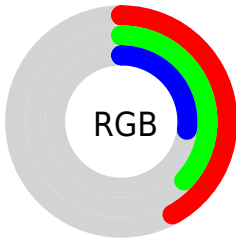
Format	Color
R_{YB}	85, 107, 68
Decimal	7036740
CIE _{Lab}	40.78, 0.38, 17.24
CIE _{LCh}	41, 17.241, 88.730
Yxy	11.7276, 0.3724, 0.3900
Android (android.graphics.Color)	4285226820 (0xFF6B5F44)
YUV	95.5100, -13.5624, 10.0767
Hunter-Lab	34.2455, -1.5565, 11.6064

Details

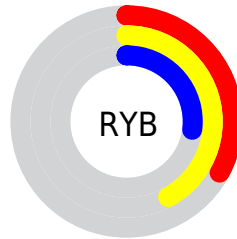
The YUV color **95.5100, -13.5624, 10.0767** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **79.4900, 13.5624, -10.0767**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8800, -14.7308, 11.5062**, and **49.1400, -12.3940, 8.6472** is the 20% darker color. If you saturate the color by 10%, you get **92.4950, -17.4990, 12.7209**, and if you desaturate by 10%, it is **98.5250, -9.6258, 7.4326**.

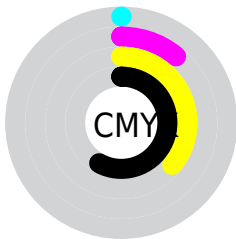
Distribution



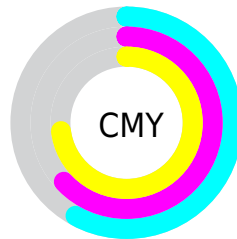
- Red (42%)
- Green (37%)
- Blue (27%)



- Red (33%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (36%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5100, -13.5624, 10.0767 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 95.5100, -13.5624, 10.0767 by changing the saturation by 10% instead.

■ 95.5100, -13.5624,
10.0767

■ 95.5100, -13.5624,
10.0767

■ 255.0000, 0.0000,
0.0000

■ 71.4390, -12.5414,
9.2620

■ 145.8800,
-14.7308, 11.5062

■ 49.1400, -12.3940,
8.6472

■ 172.7660,
-15.1676, 11.6062

■ 27.4990, -13.5570,
8.3324

■ 200.0650,
-15.3150, 12.2210

■ 2.6690, -1.3158,
2.0443

■ 228.2500,
-15.8993, 12.9358

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

■ 254.6580, -1.3104,

0.2999

■ 95.5100, -13.5624,
10.0767

■ 95.5100, -13.5624,
10.0767

■ 92.4950, -17.4990,
12.7209

■ 98.5250, -9.6258,
7.4326

■ 89.0070, -20.7095,
15.7799

■ 102.0130, -6.4154,
4.3736

■ 85.9920, -24.6461,
18.4240

■ 105.0280, -2.4788,
1.7294

■ 82.9770, -28.5827,
21.0682

■ 108.0430, 1.4578,
-0.9147

■ 79.9620, -32.5193,
23.7123

■ 111.0580, 5.3944,
-3.5589

■ 76.4740, -35.7297,
26.7713

■ 114.5460, 8.6048,
-6.6178

■ 75.4310, -37.1875,
27.6860

■ 117.5610, 12.5414,
-9.2620

■ 120.5760, 16.4780,
-11.9062

■ 124.0640, 19.6884,
-14.9651

Harmonies

Analogous

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



96.7330, -11.7004, 19.5282



95.5100, -13.5624, 10.0767



93.7150, -11.1985, -1.5041

Triad

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



95.5100, -13.5624, 10.0767



89.6200, 9.5543, -31.2387



98.3960, 6.2138, 13.6847

Complementary

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



95.5100, -13.5624, 10.0767



79.4900, 13.5624, -10.0767

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.



97.6870, 11.4933, 0.2745



95.5100, -13.5624, 10.0767



90.9070, 14.3428, -27.1054

Square

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



95.5100, -13.5624, 10.0767



90.1170, 2.4073, -25.5356



94.9840, 14.3049, -14.8950



98.3170, -0.6493, 21.6470

Rectangle

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



95.5100, -13.5624, 10.0767



92.8710, -7.8244, -10.4109



94.9840, 14.3049, -14.8950



98.5310, 8.1192, 9.1813

Sweetspot

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



95.5100, -13.5624, 10.0767



135.9420, -5.3944, 3.5589



81.0290, -0.5073, 22.7766



68.8000, -3.3524, 1.9294



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.



95.5100, -13.5624, 10.0767



121.8930, -21.1462, 15.8798



100.4610, -16.0033, -0.4043



52.1420, -2.0420, 1.6295



82.5300, -40.6873, 30.2302



172.4580, -85.0218, 63.6193

Inverse Universe

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



79.4900, 13.5624, -10.0767



97.1070, 21.1462, -15.8798



74.5390, 16.0033, 0.4043



49.8580, 2.0420, -1.6295



34.4700, 40.6873, -30.2302



71.9550, 85.3112, -63.1045

Previews

White Background



This preview shows how the YUV color 95.5100, -13.5624, 10.0767 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 95.5100, -13.5624, 10.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

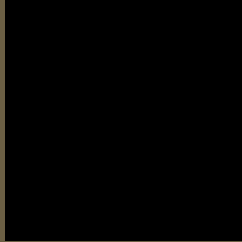
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5100, -13.5624, 10.0767

Background



This preview shows how black text looks on a background with the YUV color 95.5100, -13.5624, 10.0767.



This preview shows how white text looks on a background with the YUV color 95.5100, -13.5624,

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

95.5100, -13.5624, 10.0767

Protanopia

95.2000, -13.4096, 7.7176

Deuteranopia

95.9560, -13.2893, 15.8246



Tritanopia

97.4790, 0.2569, 10.9809

Trichromacy



Original Color

95.5100, -13.5624, 10.0767

Protanomaly

95.4990, -13.5570, 8.3324

Deuteranomaly

95.6460, -13.1365, 13.4655

Tritanomaly

96.5130, -4.6899, 10.9511

Monochromacy



Original Color

95.5100, -13.5624, 10.0767

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5100, -13.5624, 10.0767 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(107, 95, 68)` looks like.

```
.text, #text, p{  
    color:rgb(107, 95, 68)  
}
```

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(107, 95, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 95, 68) }
```

Border

The CSS property to change the border of an element to YUV 95.5100, -13.5624, 10.0767 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(107, 95, 68) }
```


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

```
.border{ border-color:rgb(107, 95, 68) }
```

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

Here you see how a box with a 4 pixel rgb(107, 95, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 95, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 95, 68);  
box-shadow:4px 4px 4px 4px rgb(107, 95,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 95.5100, -13.5624, 10.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 95, 68) }
```

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

```
.background{ background-color: rgb(107, 95,  
68) }
```

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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