

Converting Colors

YUV(104.3890, -13.5028,
-9.1112)

Have a look what the booklet for
YUV(104.3890, -13.5028, -9.1112)
contains.

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Color

**YUV(104.3890, -13.5028,
-9.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	5E734D
RGB	94, 115, 77
RGB Percent	37%, 45%, 30%
CMY	0.6314, 0.5490, 0.6980
CMYK	0.18, 0.00, 0.33, 0.55
HSL	93°, 20%, 38%
HSV	93°, 33%, 45%
XYZ	12.0864, 15.1770, 9.3136
YIQ	104.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

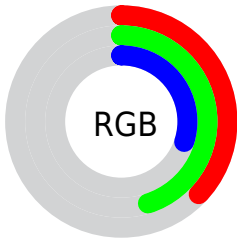
Format	Color
RYB	77, 115, 98
Decimal	6189901
CIELab	45.88, -15.27, 18.56
CIELCh	46, 24.036, 129.449
Yxy	15.1770, 0.3304, 0.4149
Android (android.graphics.Color)	4284379981 (0xFF5E734D)
YUV	104.3890, -13.5028, -9.1112
Hunter-Lab	38.9576, -12.7973, 13.0959

Details

The YUV color $104.3890, -13.5028, -9.1112$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $87.6110, 13.5028, 9.1112$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $155.7480, -14.6658, -9.4260$, and $57.0300, -12.3398, -8.7963$ is the 20% darker color. If you saturate the color by 10%, you get $101.3410, -17.4231, -11.7001$, and if you desaturate by 10%, it is $107.5510, -9.1456, -6.6222$.

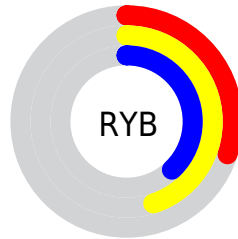
Distribution



Red (37%)

Green (45%)

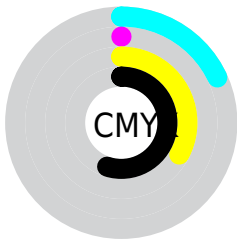
Blue (30%)



Red (30%)

Yellow (45%)

Blue (38%)

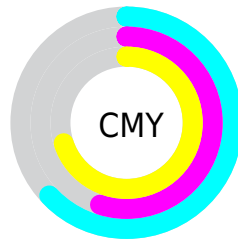


Cyan (18%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3890, -13.5028, -9.1112 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 104.3890, -13.5028, -9.1112 by changing the saturation by 10% instead.

■ 104.3890,
-13.5028, -9.1112

■ 104.3890,
-13.5028, -9.1112

■ 255.0000, 0.0000,
0.0000

■ 79.9160, -12.7766,
-8.6963

■ 155.7480,
-14.6658, -9.4260

■ 57.0300, -12.3398,
-8.7963

■ 182.6340,
-15.1026, -9.3260

■ 35.0300, -12.3398,
-8.7963

■ 210.2210,
-15.3920, -9.8408

■ 14.6750, -7.2348,
-12.8700

■ 238.8080,
-15.6813, -10.3556

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 104.3890,
-13.5028, -9.1112

■ 104.3890,
-13.5028, -9.1112

■ 101.3410,
-17.4231, -11.7001

■ 107.5510, -9.1456,
-6.6222

■ 97.8800, -21.6328,
-14.8038

■ 110.8980, -5.3727,
-3.4185

■ 94.8320, -25.5532,
-17.3927

■ 114.0600, -1.0156,
-0.9296

■ 91.6700, -29.9103,
-19.8816

■ 117.1080, 2.9048,
1.6593

■ 88.3230, -33.6832,
-23.0853

■ 120.5690, 7.1145,
4.7630

■ 85.1610, -38.0404,
-25.5742

■ 123.6170, 11.0348,
7.3519

■ 82.7540, -40.7977,
-27.8483

■ 126.6650, 14.9552,
9.9408

■ 130.1260, 19.1649,

13.0445

■ 133.2880, 23.5220,
15.5334

Harmonies

Analogous

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



106.5330, -18.5038, 8.3026



104.3890, -13.5028, -9.1112



100.9120, -3.4076, -27.1098

Triad

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



104.3890, -13.5028, -9.1112



102.0890, 21.6481, -36.9121



110.5850, -3.7394, 32.8130

Complementary

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



104.3890, -13.5028, -9.1112



87.6110, 13.5028, 9.1112

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.



111.3480, 5.7444, 24.2508



104.3890, -13.5028, -9.1112



107.4770, 19.9778, -14.4503

Square

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



104.3890, -13.5028, -9.1112



96.0890, 18.1971, -50.0671



110.8280, 14.3818, 7.1668



109.5820, -12.6119, 31.9386

Rectangle

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



104.3890, -13.5028, -9.1112



98.8980, 4.4873, -39.3755



110.8280, 14.3818, 7.1668



110.7850, -0.3870, 30.8836

Sweetspot

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



104.3890, -13.5028, -9.1112



145.8980, -5.3727, -3.4185



100.6890, -11.6787, 12.5507



74.0660, -3.4835, -2.6889



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.



104.3890, -13.5028, -9.1112



133.2930, -21.3434, -14.2890



99.5340, -10.1233, -19.7623



57.1200, -2.0312, -1.8592



88.0590, -43.4131, -28.9927



180.2380, -88.8573, -59.8447

Inverse Universe

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



87.6110, 13.5028, 9.1112



107.0060, 21.1960, 14.9037



92.4660, 10.1233, 19.7623



54.5810, 2.1786, 1.2445



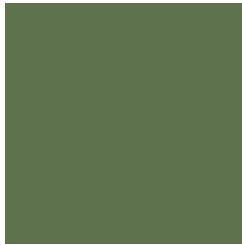
34.2400, 43.2657, 29.6075



69.7620, 88.8573, 59.8447

Previews

White Background



This preview shows how the YUV color 104.3890, -13.5028, -9.1112 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 104.3890, -13.5028, -9.1112 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 104.3890, -13.5028, -9.1112

Background



This preview shows how black text looks on a background with the YUV color 104.3890, -13.5028, -9.1112.



This preview shows how white text looks on a background with the YUV color 104.3890, -13.5028, -9.1112.

-9.1112.

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

104.3890, -13.5028, -9.1112

Protanopia

106.8150, -16.1778, 8.9322

Deuteranopia

108.3260, -14.4577, 17.2541



Tritanopia

108.0360, 5.4053, -7.0476

Trichromacy



Original Color

104.3890, -13.5028, -9.1112

Protanomaly

106.2980, -15.4299, 2.3697

Deuteranomaly

106.9720, -14.2832, 7.9176

Tritanomaly

106.9020, -1.4307, -7.8071

Monochromacy



Original Color

104.3890, -13.5028, -9.1112

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0120, -4.9359, -3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3890, -13.5028, -9.1112 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(94, 115, 77)` looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 77)  
}
```

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(94, 115, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 77) }
```

Border

The CSS property to change the border of an element to YUV 104.3890, -13.5028, -9.1112 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(94, 115, 77) }
```


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

```
.border{ border-color:rgb(94, 115, 77) }
```

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

Here you see how a box with a 4 pixel rgb(94, 115, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 77);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 104.3890, -13.5028, -9.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 77) }
```

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

```
.background{ background-color: rgb(94, 115,  
77) }
```

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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