

Converting Colors

YUV(113.6790, -9.7017,
31.8535)

Have a look what the booklet for
YUV(113.6790, -9.7017, 31.8535)
contains.

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Color

**YUV(113.6790, -9.7017,
31.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	96635E
RGB	150, 99, 94
RGB Percent	59%, 39%, 37%
CMY	0.4118, 0.6118, 0.6314
CMYK	0.00, 0.34, 0.37, 0.41
HSL	5°, 23%, 48%
HSV	5°, 37%, 59%
XYZ	19.0599, 16.2159, 12.7151
YIQ	113.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

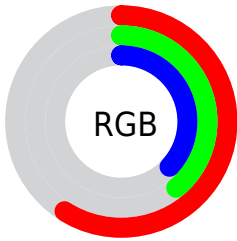
Format	Color
R_{YB}	150, 99, 94
Decimal	9855838
CIE _{Lab}	47.26, 20.00, 11.31
CIE _{LCh}	47, 22.977, 29.474
Yxy	16.2159, 0.3972, 0.3379
Android (android.graphics.Color)	4288045918 (0xFF96635E)
YUV	113.6790, -9.7017, 31.8535
Hunter-Lab	40.2689, 14.0162, 9.4672

Details

The YUV color **113.6790, -9.7017, 31.8535** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.3210, 9.7017, -31.8535**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0600, -10.8756, 35.0274**, and **64.9990, -8.3805, 28.0649** is the 20% darker color. If you saturate the color by 10%, you get **103.7510, -12.2022, 40.5604**, and if you desaturate by 10%, it is **123.6070, -7.2013, 23.1467**.

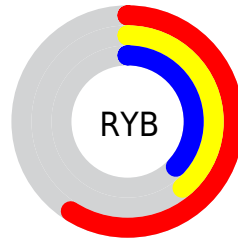
Distribution



Red (59%)

Green (39%)

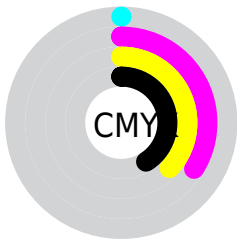
Blue (37%)



Red (59%)

Yellow (39%)

Blue (37%)

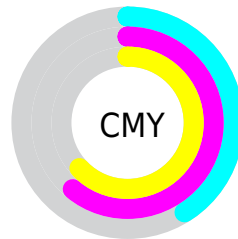


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (41%)



Cyan (41%)

Magenta (61%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6790, -9.7017, 31.8535 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 113.6790, -9.7017, 31.8535 by changing the saturation by 10% instead.

■ 113.6790, -9.7017,
31.8535

■ 113.6790, -9.7017,
31.8535

255.0000, 0.0000,
0.0000

■ 88.7820, -9.2595,
30.0092

■ 166.0600,
-10.8756, 35.0274

■ 64.9990, -8.3805,
28.0649

■ 193.3590,
-11.0230, 35.6422

■ 42.2160, -7.5015,
26.1206

■ 219.1520,
-10.4279, 31.4387

■ 19.0480, -9.3907,
25.3909

■ 238.7800, -6.3005,
14.2249

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 113.6790, -9.7017,
31.8535

■ 113.6790, -9.7017,
31.8535

■ 103.7510,
-12.2022, 40.5604

■ 123.6070, -7.2013,
23.1467

■ 94.4100, -14.9921,
48.7524

■ 132.9480, -4.4114,
14.9546

■ 84.4820, -17.4926,
57.4593

■ 142.8760, -1.9109,
6.2477

■ 74.5540, -19.9931,
66.1661

■ 152.8040, 0.5896,
-2.4591

■ 65.2130, -22.7830,
74.3582

■ 162.1450, 3.3795,
-10.6512

■ 55.2850, -25.2835,
83.0651

■ 172.0730, 5.8800,
-19.3580

■ 52.4810, -25.8731,
85.5242

■ 182.0010, 8.3805,
-28.0649

■ 191.3420, 11.1704,

-36.2569

■ 201.2700, 13.6709,
-44.9638

Harmonies

Analogous

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



114.9590, -0.9658, 29.8540



113.6790, -9.7017, 31.8535



112.5120, -16.5214, 25.8610

Triad

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



113.6790, -9.7017, 31.8535



106.3320, -7.0657, -20.4622



109.7320, 19.8521, -20.8130

Complementary

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



113.6790, -9.7017, 31.8535



130.3210, 9.7017, -31.8535

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.



104.0240, 20.2012, -39.4860



113.6790, -9.7017, 31.8535



103.0940, 3.8977, -36.9164

Square

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



113.6790, -9.7017, 31.8535



108.9660, -15.2662, -3.4782



100.7860, 14.4025, -46.2933



113.5390, 16.0033, 0.4043

Rectangle

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



113.6790, -9.7017, 31.8535



111.8870, -18.6783, 17.6391



100.7860, 14.4025, -46.2933



107.9160, 20.7474, -27.9903

Sweetspot

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



113.6790, -9.7017, 31.8535



179.7520, -3.8217, 12.4955



116.5580, 14.0219, 29.3286



88.4740, -2.2057, 7.4773



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.6790, -9.7017, 31.8535



137.1220, -14.8501, 49.8820



130.1150, -17.8047, 17.4391



69.0930, -1.0318, 4.3034



48.3060, -23.8149, 78.6616



3.5770, -1.7635, 5.6330

Inverse Universe

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



130.3210, 9.7017, -31.8535



163.2910, 15.1395, -49.3672



113.8850, 17.8047, -17.4391



71.3200, 1.3212, -3.7886



89.1070, 24.1042, -78.1468



6.4230, 1.7635, -5.6330

Previews

White Background



This preview shows how the YUV color 113.6790, -9.7017, 31.8535 looks on a white background.

Color Contrast Check

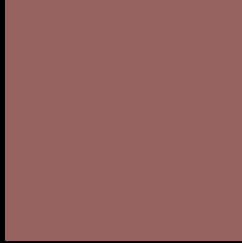
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6790, -9.7017, 31.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

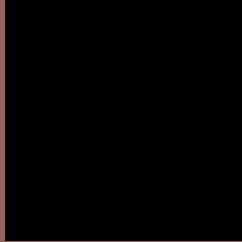
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.6790, -9.7017, 31.8535

Background



This preview shows how black text looks on a background with the YUV color 113.6790, -9.7017, 31.8535.

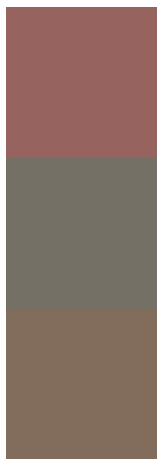


This preview shows how white text looks on a background with the YUV color 113.6790, -9.7017,

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

113.6790, -9.7017, 31.8535

Protanopia

112.2410, -5.5418, 4.1736

Deuteranopia

112.7540, -10.2317, 15.1247



Tritanopia

114.0580, -4.4656, 32.3981

Trichromacy



Original Color

113.6790, -9.7017, 31.8535

Protanomaly

112.5520, -7.1741, 14.4249

Deuteranomaly

113.2000, -9.9586, 20.8726

Tritanomaly

114.1890, -6.5022, 32.2832

Monochromacy



Original Color

113.6790, -9.7017, 31.8535

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1540, -3.5269, 11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6790, -9.7017, 31.8535 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(150, 99, 94)` looks like.

```
.text, #text, p{  
    color:rgb(150, 99, 94)  
}
```

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(150, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 99, 94) }
```

Border

The CSS property to change the border of an element to YUV 113.6790, -9.7017, 31.8535 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(150, 99, 94) }
```


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

```
.border{ border-color:rgb(150, 99, 94) }
```

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

Here you see how a box with a 4 pixel rgb(150, 99, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(150, 99,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 113.6790, -9.7017, 31.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 99, 94) }
```

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

```
.background{ background-color: rgb(150, 99,  
94) }
```

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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