

Converting Colors

YUV(96.5230, -19.9778,
14.4503)

Have a look what the booklet for
YUV(96.5230, -19.9778, 14.4503)
contains.

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Color

**YUV(96.5230, -19.9778,
14.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	716038
RGB	113, 96, 56
RGB Percent	44%, 38%, 22%
CMY	0.5569, 0.6235, 0.7804
CMYK	0.00, 0.15, 0.50, 0.56
HSL	42°, 34%, 33%
HSV	42°, 50%, 44%
XYZ	11.7067, 12.1620, 5.4719
YIQ	96.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

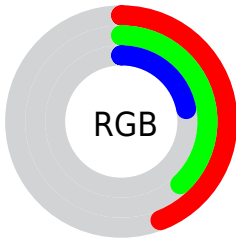
Format	Color
RYB	80, 113, 56
Decimal	7430200
CIELab	41.47, 1.05, 25.28
CIElCh	41, 25.307, 87.630
Yxy	12.1620, 0.3990, 0.4145
Android (android.graphics.Color)	4285620280 (0xFF716038)
YUV	96.5230, -19.9778, 14.4503
Hunter-Lab	34.8740, -1.1095, 15.1090

Details

The YUV color **96.5230, -19.9778, 14.4503** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.4770, 19.9778, -14.4503**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1920, -21.2937, 16.4946**, and **49.5550, -18.5146, 11.7913** is the 20% darker color. If you saturate the color by 10%, you get **93.5080, -23.9144, 17.0945**, and if you desaturate by 10%, it is **99.5380, -16.0412, 11.8062**.

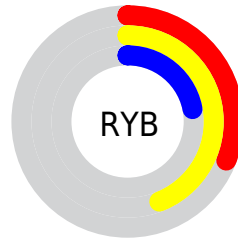
Distribution



Red (44%)

Green (38%)

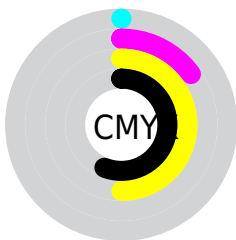
Blue (22%)



Red (31%)

Yellow (44%)

Blue (22%)

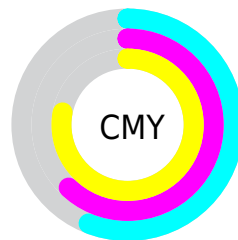


Cyan (0%)

Magenta (15%)

Yellow (50%)

Black (56%)



Cyan (56%)

Magenta (62%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5230, -19.9778, 14.4503 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 96.5230, -19.9778, 14.4503 by changing the saturation by 10% instead.

96.5230, -19.9778,
14.4503

96.5230, -19.9778,
14.4503

255.0000, 0.0000,
0.0000

72.4520, -18.9568,
13.6356

147.1920,
-21.2937, 16.4946

49.5550, -18.5146,
11.7913

174.2630,
-22.3147, 17.3093

28.9830, -14.2886,
9.6619

201.4480,
-22.8989, 18.0241

5.6370, -2.7790,
4.7034

229.6330,
-23.4831, 18.7389

0.0000, 0.0000,
0.0000

249.8700,
-19.6559, 4.4990

253.0620, -7.4256,

1.6996

■ 96.5230, -19.9778,
14.4503

■ 96.5230, -19.9778,
14.4503

■ 93.5080, -23.9144,
17.0945

■ 99.5380, -16.0412,
11.8062

■ 89.7920, -27.9985,
20.3534

■ 103.2540,
-11.9572, 8.5472

■ 86.7770, -31.9351,
22.9976

■ 106.2690, -8.0206,
5.9031

■ 83.7620, -35.8717,
25.6417

■ 109.2840, -4.0840,
3.2589

■ 80.1600, -39.5189,
28.8007

■ 113.0000, 0.0000,
0.0000

■ 116.0150, 3.9366,
-2.6442

■ 119.6170, 7.5838,
-5.8031

■ 122.6320, 11.5204,
-8.4473

■ 125.7610, 15.8938,
-11.1914

Harmonies

Analogous

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



97.9960, -17.2530, 27.1905



96.5230, -19.9778, 14.4503



94.2220, -16.8714, -1.9487

Triad

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



96.5230, -19.9778, 14.4503



79.5990, 17.9457, -62.7923



100.6400, 9.5445, 18.7327

Complementary

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



96.5230, -19.9778, 14.4503



72.4770, 19.9778, -14.4503

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.



99.2830, 17.6085, -1.1252



96.5230, -19.9778, 14.4503



85.3430, 23.0019, -51.1668

Square

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



96.5230, -19.9778, 14.4503



86.4740, 4.2033, -41.6347



93.9810, 22.1944, -25.4163



100.1980, -0.0976, 31.3984

Rectangle

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



96.5230, -19.9778, 14.4503



92.8120, -11.7393, -14.7441



93.9810, 22.1944, -25.4163



100.4050, 12.6183, 12.7998

Sweetspot

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



96.5230, -19.9778, 14.4503



141.3830, -7.5838, 5.8031



74.9810, -0.9766, 33.3427



70.1700, -4.5208, 3.3589



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.5230, -19.9778, 14.4503



121.8910, -31.4983, 22.8976



103.2130, -23.2760, -1.0638



54.1420, -2.0420, 1.6295



85.1880, -41.9977, 30.5301



175.9910, -86.7636, 62.2749

Inverse Universe

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



72.4770, 19.9778, -14.4503



84.1090, 31.4983, -22.8976



65.7870, 23.2760, 1.0638



51.8580, 2.0420, -1.6295



34.8120, 41.9977, -30.5301



71.5960, 86.4742, -62.7897

Previews

White Background



This preview shows how the YUV color 96.5230, -19.9778, 14.4503 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 96.5230, -19.9778, 14.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

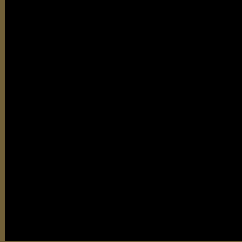
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5230, -19.9778, 14.4503

Background



This preview shows how black text looks on a background with the YUV color 96.5230, -19.9778, 14.4503.



This preview shows how white text looks on a background with the YUV color 96.5230, -19.9778,

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

96.5230, -19.9778, 14.4503

Protanopia

96.0170, -19.2354, 9.6321

Deuteranopia

96.6700, -19.5573, 19.5834



Tritanopia

99.5720, -0.7750, 15.2844

Trichromacy



Original Color

96.5230, -19.9778, 14.4503

Protanomaly

96.0280, -19.2408, 11.3764

Deuteranomaly

96.6590, -19.5519, 17.8391

Tritanomaly

98.7370, -7.7583, 15.1397

Monochromacy



Original Color

96.5230, -19.9778, 14.4503

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5230, -19.9778, 14.4503 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(113, 96, 56)` looks like.

```
.text, #text, p{  
    color:rgb(113, 96, 56)  
}
```

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(113, 96, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 96, 56) }
```

Border

The CSS property to change the border of an element to YUV 96.5230, -19.9778, 14.4503 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(113, 96, 56) }
```


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

```
.border{ border-color:rgb(113, 96, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 96, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 96, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 96, 56);  
box-shadow:4px 4px 4px 4px rgb(113, 96,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 96.5230, -19.9778, 14.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 96, 56) }
```

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

```
.background{ background-color: rgb(113, 96,  
56) }
```

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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