

Converting Colors

YUV(120.9030, -16.2212,
22.8871)

Have a look what the booklet for
YUV(120.9030, -16.2212, 22.8871)
contains.

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Color

**YUV(120.9030, -16.2212,
22.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	937258
RGB	147, 114, 88
RGB Percent	58%, 45%, 35%
CMY	0.4235, 0.5529, 0.6549
CMYK	0.00, 0.22, 0.40, 0.42
HSL	26°, 25%, 46%
HSV	26°, 40%, 58%
XYZ	19.8114, 18.9423, 11.8446
YIQ	120.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

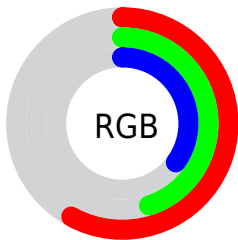
Format	Color
R_{YB}	147, 134, 88
Decimal	9663064
CIE Lab	50.62, 9.30, 19.39
CIE LCh	51, 21.505, 64.364
Yxy	18.9423, 0.3915, 0.3744
Android (android.graphics.Color)	4287853144 (0xFF937258)
YUV	120.9030, -16.2212, 22.8871
Hunter-Lab	43.5227, 5.0879, 14.3303

Details

The YUV color **120.9030, -16.2212, 22.8871** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.0970, 16.2212, -22.8871**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5720, -17.5370, 24.9314**, and **71.9350, -14.7580, 20.2280** is the 20% darker color. If you saturate the color by 10%, you get **114.4970, -20.4580, 28.5051**, and if you desaturate by 10%, it is **127.3090, -11.9843, 17.2690**.

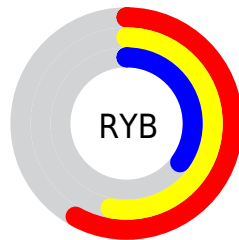
Distribution



Red (58%)

Green (45%)

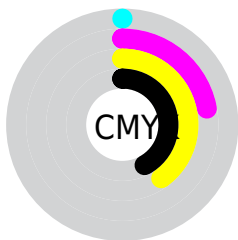
Blue (35%)



Red (58%)

Yellow (53%)

Blue (35%)

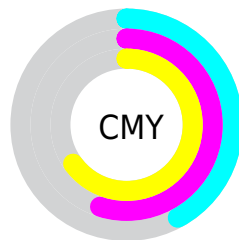


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9030, -16.2212, 22.8871 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 120.9030, -16.2212, 22.8871 by changing the saturation by 10% instead.

■ 120.9030,
-16.2212, 22.8871

■ 120.9030,
-16.2212, 22.8871

■ 255.0000, 0.0000,
0.0000

■ 95.4190, -15.4896,
21.5575

■ 173.5720,
-17.5370, 24.9314

■ 71.9350, -14.7580,
20.2280

■ 201.0560,
-18.2686, 26.2609

■ 49.1520, -13.8789,
18.2837

■ 227.8600,
-17.6790, 23.8018

■ 27.5540, -13.5841,
17.0541

■ 247.4880,
-13.5516, 6.5880

■ 6.8770, -3.3904,
14.1399

■ 254.2020, -3.0576,
0.6998

■ 0.0000, 0.0000,
0.0000

■ 120.9030,
-16.2212, 22.8871

■ 120.9030,
-16.2212, 22.8871

■ 114.4970,
-20.4580, 28.5051

■ 127.3090,
-11.9843, 17.2690

■ 108.2050,
-24.2581, 34.0232

■ 133.6010, -8.1843,
11.7509

■ 101.2120,
-28.2055, 40.1561

■ 140.5940, -4.2368,
5.6181

■ 94.8060, -32.4424,
45.7741

■ 147.0000, 0.0000,
0.0000

■ 88.4000, -36.6792,
51.3922

■ 153.4060, 4.2368,
-5.6181

■ 82.1080, -40.4792,
56.9103

■ 159.6980, 8.0369,
-11.1361

■ 166.6910, 11.9843,
-17.2690

■ 173.0970, 16.2212,

-22.8871

■ 179.3890, 20.0212,
-28.4052

Harmonies

Analogous

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



122.1410, -10.4225, 29.6943



120.9030, -16.2212, 22.8871



119.1850, -17.3462, 10.3618

Triad

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



120.9030, -16.2212, 22.8871



112.1480, 5.3500, -36.0868



122.6920, 13.9558, 3.7781

Complementary

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



120.9030, -16.2212, 22.8871



114.0970, 16.2212, -22.8871

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.



119.1240, 18.6729, -15.8947



120.9030, -16.2212, 22.8871



111.5200, 14.5336, -41.6750

Square

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



120.9030, -16.2212, 22.8871



114.4890, -5.1711, -21.4769



114.7150, 18.8745, -33.9531



123.2550, 6.7763, 19.9474

Rectangle

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



120.9030, -16.2212, 22.8871



117.9880, -15.2771, 0.0105



114.7150, 18.8745, -33.9531



121.8160, 15.8667, -2.4696

Sweetspot

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



120.9030, -16.2212, 22.8871



180.7470, -6.2843, 8.9919



109.4030, 5.7173, 32.9726



90.7080, -3.8000, 5.5181



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.



120.9030, -16.2212, 22.8871



150.5750, -25.4265, 35.4527



137.9260, -24.6135, 7.9579



70.8540, -1.9000, 2.7590



77.0690, -37.9950, 53.4365



5.3380, -2.6316, 4.0886

Inverse Universe

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



114.0970, 16.2212, -22.8871



140.0120, 25.1371, -35.9675



97.0740, 24.6135, -7.9579



70.1460, 1.9000, -2.7590



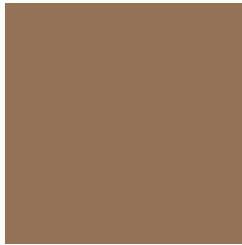
60.9310, 37.9950, -53.4365



4.6620, 2.6316, -4.0886

Previews

White Background



This preview shows how the YUV color 120.9030, -16.2212, 22.8871 looks on a white 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

Black Background



This preview shows how the YUV color 120.9030, -16.2212, 22.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

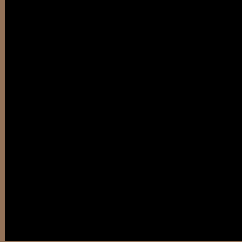
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9030, -16.2212, 22.8871 Background



This preview shows how black text looks on a background with the YUV color 120.9030, -16.2212, 22.8871.



This preview shows how white text looks on a background with the YUV color 120.9030, -16.2212, 22.8871.

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

120.9030, -16.2212, 22.8871

Protanopia

119.9720, -14.2832, 7.9176

Deuteranopia

120.8810, -16.2103, 19.3984



Tritanopia

122.8720, -2.4019, 23.7913

Trichromacy



Original Color

120.9030, -16.2212, 22.8871

Protanomaly

120.1900, -14.8837, 13.8654

Deuteranomaly

120.5930, -16.0683, 20.5279

Tritanomaly

121.9060, -7.3487, 23.7614

Monochromacy



Original Color

120.9030, -16.2212, 22.8871

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.5620, -5.7001, 8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9030, -16.2212, 22.8871 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(147, 114, 88)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 88)  
}
```

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(147, 114, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 88) }
```

Border

The CSS property to change the border of an element to YUV 120.9030, -16.2212, 22.8871 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(147, 114, 88) }
```


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

```
.border{ border-color:rgb(147, 114, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 88);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 120.9030, -16.2212, 22.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 88) }
```

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

```
.background{ background-color: rgb(147,  
114, 88) }
```

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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