

Converting Colors

YUV(120.6980, -42.2491,
17.8049)

Have a look what the booklet for
YUV(120.6980, -42.2491, 17.8049)
contains.

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Color

**YUV(120.6980, -42.2491,
17.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7F23
RGB	141, 127, 35
RGB Percent	55%, 50%, 14%
CMY	0.4471, 0.5020, 0.8627
CMYK	0.00, 0.10, 0.75, 0.45
HSL	52°, 60%, 35%
HSV	52°, 75%, 55%
XYZ	18.8773, 20.9628, 4.6414
YIQ	120.6980, 37.8760, -25.6440

Conversions

Conversions Part 2

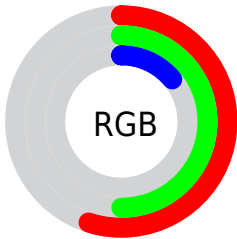
Format	Color
R_{YB}	51, 141, 35
Decimal	9273123
CIE Lab	52.91, -5.30, 48.94
CIE LCh	53, 49.229, 96.178
Yxy	20.9628, 0.4244, 0.4713
Android (android.graphics.Color)	4287463203 (0xFF8D7F23)
YUV	120.6980, -42.2491, 17.8049
Hunter-Lab	45.7852, -6.5284, 26.0392

Details

The YUV color **120.6980, -42.2491, 17.8049** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **55.3020, 42.2491, -17.8049**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8940, -42.8387, 20.2640**, and **71.7990, -35.3969, 13.3313** is the 20% darker color. If you saturate the color by 10%, you get **117.9280, -47.7855, 20.2341**, and if you desaturate by 10%, it is **123.4680, -36.7127, 15.3756**.

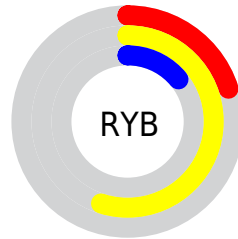
Distribution



Red (55%)

Green (50%)

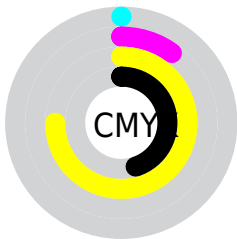
Blue (14%)



Red (20%)

Yellow (55%)

Blue (14%)

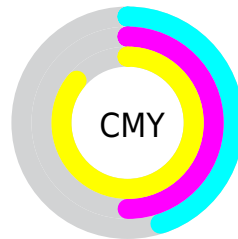


Cyan (0%)

Magenta (10%)

Yellow (75%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6980, -42.2491, 17.8049 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 120.6980, -42.2491, 17.8049 by changing the saturation by 10% instead.

■ 120.6980,
-42.2491, 17.8049

■ 120.6980,
-42.2491, 17.8049

■ 255.0000, 0.0000,
0.0000

■ 94.1880, -45.4487,
17.3751

■ 173.8940,
-42.8387, 20.2640

■ 71.7990, -35.3969,
13.3313

■ 201.9650,
-43.8597, 21.0787

■ 51.4100, -25.3451,
9.2874

■ 230.0360,
-44.8807, 21.8934

■ 31.3090, -15.4353,
4.1140

■ 244.8540,
-38.8750, 8.8980

■ 9.1150, -4.4937,
-5.3629

■ 248.0460,
-26.6447, 6.0987

■ 0.0000, 0.0000,
0.0000

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 120.6980,
-42.2491, 17.8049

■ 120.6980,
-42.2491, 17.8049

■ 117.9280,
-47.7855, 20.2341

■ 123.4680,
-36.7127, 15.3756

■ 115.1580,
-53.3219, 22.6634

■ 126.2380,
-31.1763, 12.9463

■ 113.7730,
-56.0901, 23.8781

■ 129.0080,
-25.6399, 10.5170

■ 131.1910,
-19.8142, 8.6025

■ 134.0750,
-13.8410, 6.0732

■ 136.8450, -8.3046,
3.6439

■ 139.6150, -2.7682,
1.2146

■ 142.3850, 2.7682,
-1.2146

■ 145.1550, 8.3046,
-3.6439

Harmonies

Analogous

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



123.7260, -37.8259, 45.8443



120.6980, -42.2491, 17.8049



116.1650, -30.6473, -16.8077

Triad

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



120.6980, -42.2491, 17.8049



105.6520, 34.1886, -92.6568



129.4340, 15.5620, 48.7314

Complementary

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



120.6980, -42.2491, 17.8049



55.3020, 42.2491, -17.8049

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.



129.2470, 32.4162, 9.4304



120.6980, -42.2491, 17.8049



105.3220, 48.1553, -92.3674

Square

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



120.6980, -42.2491, 17.8049



101.5650, 15.9905, -89.0725



115.6350, 47.0149, -53.1769



125.3320, -3.1217, 68.1148

Rectangle

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



120.6980, -42.2491, 17.8049



109.4630, -16.0043, -46.8871



115.6350, 47.0149, -53.1769



130.2630, 21.5623, 37.4803

Sweetspot

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



120.6980, -42.2491, 17.8049



175.5760, -17.0460, 7.3878



68.2900, -9.5100, 63.7667



86.6880, -10.1992, 4.6586



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.6980, -42.2491, 17.8049



152.1620, -66.1419, 27.9219



117.2550, -40.5517, -13.3786



69.6150, -2.7682, 1.2146



109.0440, -53.7587, 22.7634



6.5010, -3.2050, 1.3146

Inverse Universe

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



55.3020, 42.2491, -17.8049



49.8380, 66.1419, -27.9219



58.7450, 40.5517, 13.3786



65.3850, 2.7682, -1.2146



25.9560, 53.7587, -22.7634



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 120.6980, -42.2491, 17.8049 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 120.6980, -42.2491, 17.8049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

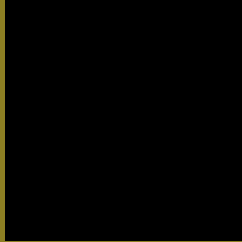
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6980, -42.2491, 17.8049

Background



This preview shows how black text looks on a background with the YUV color 120.6980, -42.2491, 17.8049.



This preview shows how white text looks on a background with the YUV color 120.6980, -42.2491, 17.8049.

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

120.6980, -42.2491, 17.8049

Protanopia

120.9970, -42.3965, 18.4196

Deuteranopia

122.0140, -41.4189, 31.5597



Tritanopia

128.1100, -0.0542, 17.4435

Trichromacy



Original Color

120.6980, -42.2491, 17.8049

Protanomaly

120.9970, -42.3965, 18.4196

Deuteranomaly

121.8670, -41.8394, 26.4266

Tritanomaly

125.0980, -15.3313, 17.4541

Monochromacy



Original Color

120.6980, -42.2491, 17.8049

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7330, -15.1514, 6.3732

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6980, -42.2491, 17.8049 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(141, 127, 35)` looks like.

```
.text, #text, p{  
    color:rgb(141, 127, 35)  
}
```

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(141, 127, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 127, 35) }
```

Border

The CSS property to change the border of an element to YUV 120.6980, -42.2491, 17.8049 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(141, 127, 35) }
```


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

```
.border{ border-color:rgb(141, 127, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 127, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 127, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 127, 35);  
box-shadow:4px 4px 4px 4px rgb(141, 127,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 120.6980, -42.2491, 17.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 127, 35) }
```

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

```
.background{ background-color: rgb(141,  
127, 35) }
```

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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