

Converting Colors

YUV(100.4120, -48.5171,
21.5637)

Have a look what the booklet for
YUV(100.4120, -48.5171, 21.5637)
contains.

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Color

**YUV(100.4120, -48.5171,
21.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6B02
RGB	125, 107, 2
RGB Percent	49%, 42%, 1%
CMY	0.5098, 0.5804, 0.9922
CMYK	0.00, 0.14, 0.98, 0.51
HSL	51°, 97%, 25%
HSV	51°, 98%, 49%
XYZ	13.7261, 14.8797, 2.2061
YIQ	100.4120, 44.4330, -28.8390

Conversions

Conversions Part 2

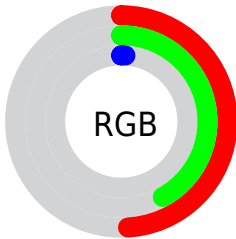
Format	Color
R_{YB}	23, 125, 2
Decimal	8219394
CIE Lab	45.47, -2.63, 51.46
CIE LCh	45, 51.525, 92.923
Yxy	14.8797, 0.4455, 0.4829
Android (android.graphics.Color)	4286409474 (0xFF7D6B02)
YUV	100.4120, -48.5171, 21.5637
Hunter-Lab	38.5743, -3.9883, 23.6112

Details

The YUV color **100.4120, -48.5171, 21.5637** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **26.5880, 48.5171, -21.5637**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9330, -45.3230, 23.7378**, and **56.7480, -27.9768, 13.3760** is the 20% darker color. If you saturate the color by 10%, you get **100.1840, -49.3907, 21.7636**, and if you desaturate by 10%, it is **102.9540, -43.8543, 19.3343**.

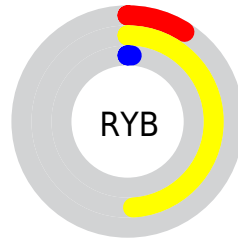
Distribution



Red (49%)

Green (42%)

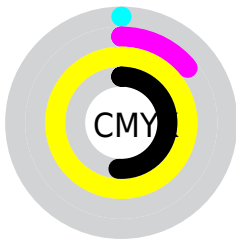
Blue (1%)



Red (9%)

Yellow (49%)

Blue (1%)

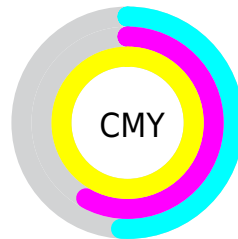


Cyan (0%)

Magenta (14%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4120, -48.5171, 21.5637 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 100.4120, -48.5171, 21.5637 by changing the saturation by 10% instead.

■ 100.4120,
-48.5171, 21.5637

■ 100.4120,
-48.5171, 21.5637

■ 254.8860, -0.4368,
0.1000

■ 78.0230, -38.4653,
17.5198

■ 153.9330,
-45.3230, 23.7378

■ 56.7480, -27.9768,
13.3760

■ 181.4170,
-46.0546, 25.0673

■ 36.6470, -18.0670,
8.2026

■ 209.2000,
-46.9336, 27.0116

■ 17.4320, -8.5940,
3.1291


■ 233.7860,
-45.7435, 18.6047


■ 0.0000, 0.0000,
0.0000


■ 245.0820,
-38.0014, 8.6981


■ 248.2740,


-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993


 100.4120,
-48.5171, 21.5637


 100.4120,
-48.5171, 21.5637


 100.1840,
-49.3907, 21.7636

 102.9540,
-43.8543, 19.3343

 105.6100,
-38.7547, 17.0050

 107.5650,
-33.8025, 15.2905

 110.2210,
-28.7030, 12.9612

 112.8770,
-23.6034, 10.6319

■ 115.4190,
-18.9406, 8.4025

■ 118.0750,
-13.8410, 6.0732

■ 120.6170, -9.1782,
3.8439

■ 122.5720, -4.2260,
2.1294

Harmonies

Analogous

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



104.0360, -37.9787, 48.2034



100.4120, -48.5171, 21.5637



96.5630, -34.2946, -13.6488

Triad

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



100.4120, -48.5171, 21.5637



91.9910, 30.0774, -80.6761



109.6340, 18.9144, 46.8020

Complementary

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



100.4120, -48.5171, 21.5637



26.5880, 48.5171, -21.5637

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.



109.4850, 34.7639, 3.0827



100.4120, -48.5171, 21.5637



92.5900, 45.0651, -81.2014

Square

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



100.4120, -48.5171, 21.5637



87.7900, 11.4425, -76.9918



87.2730, 52.6164, -76.5384



104.5540, 0.2199, 69.6741

Rectangle

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



100.4120, -48.5171, 21.5637



89.4910, -18.4831, -45.1576



87.2730, 52.6164, -76.5384



110.6370, 24.3360, 34.5214

Sweetspot

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



100.4120, -48.5171, 21.5637



153.3050, -19.3774, 8.5025



40.8290, -10.2687, 73.8180



75.6450, -11.6570, 5.5733



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



100.4120, -48.5171, 21.5637



130.3300, -64.2527, 28.6516



98.1210, -47.3877, -14.1381



62.6150, -2.7682, 1.2146



102.2550, -50.4117, 22.5784



0.0000, 0.0000, 0.0000

Inverse Universe

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



26.5880, 48.5171, -21.5637



32.6700, 64.2527, -28.6516



28.8790, 47.3877, 14.1381



58.3850, 2.7682, -1.2146



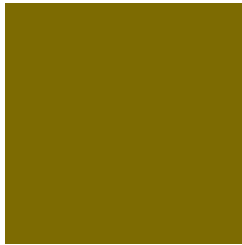
25.7450, 50.4117, -22.5784



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.4120, -48.5171, 21.5637 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 100.4120, -48.5171, 21.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

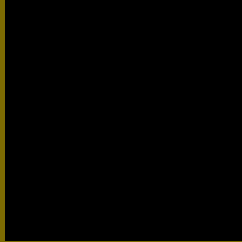
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.4120, -48.5171, 21.5637

Background



This preview shows how black text looks on a background with the YUV color 100.4120, -48.5171, 21.5637.

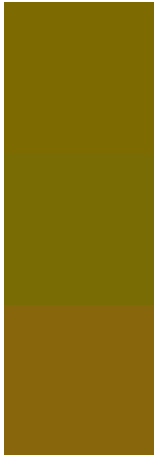


This preview shows how white text looks on a background with the YUV color 100.4120, -48.5171,

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

100.4120, -48.5171, 21.5637

Protanopia

100.3300, -47.4907, 19.0046

Deuteranopia

101.9060, -44.3237, 29.9004



Tritanopia

109.4800, -1.2226, 18.8730

Trichromacy



Original Color

100.4120, -48.5171, 21.5637

Protanomaly

100.5150, -48.0749, 19.7193

Deuteranomaly

101.4280, -46.0600, 26.8116

Tritanomaly

106.3110, -18.3943, 19.8983

Monochromacy



Original Color

100.4120, -48.5171, 21.5637

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3480, -17.9196, 7.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4120, -48.5171, 21.5637 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(125, 107, 2)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 2)  
}
```

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(125, 107, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 2) }
```

Border

The CSS property to change the border of an element to YUV 100.4120, -48.5171, 21.5637 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(125, 107, 2) }
```


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

```
.border{ border-color:rgb(125, 107, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 107, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 2);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 100.4120, -48.5171, 21.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 2) }
```

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

```
.background{ background-color: rgb(125,  
107, 2) }
```

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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