

Converting Colors

YUV(100.9420, -12.2964,
-22.7511)

Have a look what the booklet for
YUV(100.9420, -12.2964, -22.7511)
contains.

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Color

**YUV(100.9420, -12.2964,
-22.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	4B774C
RGB	75, 119, 76
RGB Percent	29%, 47%, 30%
CMY	0.7059, 0.5333, 0.7020
CMYK	0.37, 0.00, 0.36, 0.53
HSL	121°, 23%, 38%
HSV	121°, 37%, 47%
XYZ	10.8030, 15.2113, 9.2042
YIQ	100.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

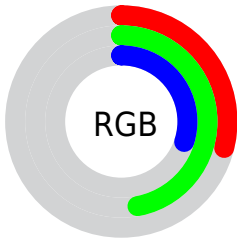
Format	Color
RYB	75, 118, 119
Decimal	4945740
CIELab	45.92, -24.71, 18.99
CIELCh	46, 31.161, 142.458
Yxy	15.2113, 0.3067, 0.4319
Android (android.graphics.Color)	4283135820 (0xFF4B774C)
YUV	100.9420, -12.2964, -22.7511
Hunter-Lab	39.0017, -18.8106, 13.3091

Details

The YUV color **100.9420, -12.2964, -22.7511** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **93.0580, 12.2964, 22.7511**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8880, -13.7488, -23.5808**, and **52.6970, -10.6966, -22.5363** is the 20% darker color. If you saturate the color by 10%, you get **95.9860, -15.7691, -28.9287**, and if you desaturate by 10%, it is **105.8980, -8.8237, -16.5735**.

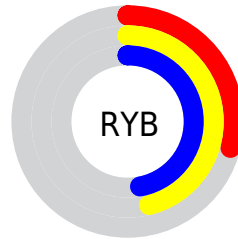
Distribution



Red (29%)

Green (47%)

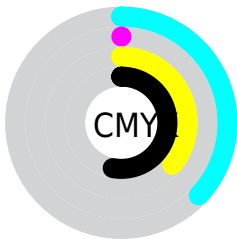
Blue (30%)



Red (29%)

Yellow (46%)

Blue (47%)

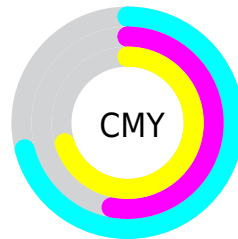


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9420, -12.2964, -22.7511 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 100.9420, -12.2964, -22.7511 by changing the saturation by 10% instead.

■ 100.9420,
-12.2964, -22.7511

■ 100.9420,
-12.2964, -22.7511

■ 255.0000, 0.0000,
0.0000

■ 76.4690, -11.5702,
-22.3363

■ 152.8880,
-13.7488, -23.5808

■ 52.6970, -10.6966,
-22.5363

■ 179.4750,
-14.0382, -24.0956

■ 29.2130, -9.9650,
-23.8658

■ 207.0620,
-14.3276, -24.6104

■ 17.0230, -8.3923,
-14.9292

■ 235.0620,
-14.3276, -24.6104

■ 0.0000, 0.0000,
0.0000

■ 246.9250, -6.3720,
-9.5812

■ 100.9420,
-12.2964, -22.7511

■ 100.9420,
-12.2964, -22.7511

■ 95.9860, -15.7691,
-28.9287

■ 105.8980, -8.8237,
-16.5735

■ 91.1440, -18.8050,
-35.2063

■ 110.7400, -5.7878,
-10.2960

■ 86.1880, -22.2777,
-41.3839

■ 115.6960, -2.3151,
-4.1184

■ 81.2320, -25.7504,
-47.5615

■ 120.6520, 1.1576,
2.0592

■ 76.3900, -28.7863,
-53.8390

■ 125.1950, 4.3409,
7.7220

■ 71.7330, -32.4064,
-59.4018

■ 130.1510, 7.8136,
13.8996

■ 70.1950, -33.1271,
-61.5610

■ 134.9930, 10.8495,
20.1771

■ 139.9490, 14.3221,

26.3547

■ 144.9050, 17.7948,
32.5323

Harmonies

Analogous

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



104.4520, -22.4078, 0.4806



100.9420, -12.2964, -22.7511



93.5930, 3.6517, -51.3861

Triad

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



100.9420, -12.2964, -22.7511



100.7170, 29.2265, -40.9708



110.0440, -9.8817, 42.9344

Complementary

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



100.9420, -12.2964, -22.7511



93.0580, 12.2964, 22.7511

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.



110.9260, 2.5015, 37.7759



100.9420, -12.2964, -22.7511



109.1450, 23.5925, -7.1432

Square

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



100.9420, -12.2964, -22.7511



86.8390, 30.6454, -76.1578



112.2040, 14.1964, 19.9921



108.9540, -20.1903, 35.9973

Rectangle

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



100.9420, -12.2964, -22.7511



85.1800, 16.6733, -74.7029



112.2040, 14.1964, 19.9921



110.4830, -5.6611, 42.5494

Sweetspot

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



100.9420, -12.2964, -22.7511



148.6800, -4.7722, -9.3664



113.6850, -19.0717, 3.7843



74.8700, -2.8939, -5.1480



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



100.9420, -12.2964, -22.7511



127.7310, -19.0944, -35.7211



103.4500, -2.6868, -24.9506



56.5220, -1.7363, -3.0888



71.9560, -33.9953, -63.1054



147.4340, -69.7270, -129.2996

Inverse Universe

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



93.0580, 12.2964, 22.7511



115.2690, 19.0944, 35.7211



90.5500, 2.6869, 24.9507



55.4780, 1.7363, 3.0888



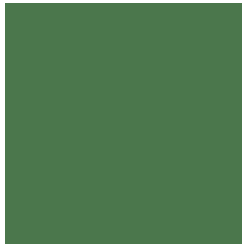
50.1580, 34.4321, 63.0054



102.5660, 69.7270, 129.2996

Previews

White Background



This preview shows how the YUV color 100.9420, -12.2964, -22.7511 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 100.9420, -12.2964, -22.7511 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 100.9420, -12.2964, -22.7511 Background



This preview shows how black text looks on a background with the YUV color 100.9420, -12.2964, -22.7511.



This preview shows how white text looks on a background with the YUV color 100.9420, -12.2964, -22.7511.

-22.7511.

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

100.9420, -12.2964, -22.7511

Protanopia

106.8860, -17.1988, 9.7470

Deuteranopia

108.3260, -14.4577, 17.2541



Tritanopia

105.3550, 8.2060, -18.7283

Trichromacy



Original Color

100.9420, -12.2964, -22.7511

Protanomaly

104.5640, -15.5611, -2.2486

Deuteranomaly

105.4660, -13.5407, 3.0993

Tritanomaly

103.6940, 0.6439, -19.9026

Monochromacy



Original Color

100.9420, -12.2964, -22.7511

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.3920, -4.6303, -8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9420, -12.2964, -22.7511 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(75, 119, 76)` looks like.

```
.text, #text, p{  
    color:rgb(75, 119, 76)  
}
```

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(75, 119, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 119, 76) }
```

Border

The CSS property to change the border of an element to YUV 100.9420, -12.2964, -22.7511 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(75, 119, 76) }
```


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

```
.border{ border-color:rgb(75, 119, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 119, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 119, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 119, 76);  
box-shadow:4px 4px 4px 4px rgb(75, 119,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 100.9420, -12.2964, -22.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 119, 76) }
```

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

```
.background{ background-color: rgb(75, 119,  
76) }
```

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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