

Converting Colors

YUV(101.7960, -34.4094,
-23.5001)

Have a look what the booklet for
YUV(101.7960, -34.4094, -23.5001)
contains.

YUV(101.7960, -34.4094, -23.5001)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.7960, -34.4094,
-23.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8120
RGB	75, 129, 32
RGB Percent	29%, 51%, 13%
CMY	0.7059, 0.4941, 0.8745
CMYK	0.42, 0.00, 0.75, 0.49
HSL	93°, 60%, 32%
HSV	93°, 75%, 51%
XYZ	11.0126, 17.3007, 4.1254
YIQ	101.7960, -1.0470, -41.6150

Conversions

Conversions Part 2

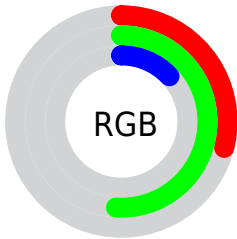
Format	Color
RYB	32, 129, 86
Decimal	4948256
CIELab	48.64, -34.85, 44.27
CIELCh	49, 56.341, 128.212
Yxy	17.3007, 0.3395, 0.5333
Android (android.graphics.Color)	4283138336 (0xFF4B8120)
YUV	101.7960, -34.4094, -23.5001
Hunter-Lab	41.5941, -25.5292, 23.2353

Details

The YUV color **101.7960, -34.4094, -23.5001** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **59.2040, 34.4094, 23.5001**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5680, -35.2830, -23.3001**, and **52.3530, -25.8100, -28.3736** is the 20% darker color. If you saturate the color by 10%, you get **98.2210, -39.0560, -26.5038**, and if you desaturate by 10%, it is **105.3710, -29.7629, -20.4964**.

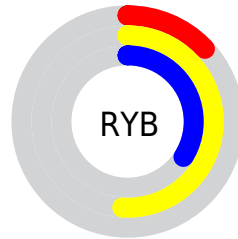
Distribution



Red (29%)

Green (51%)

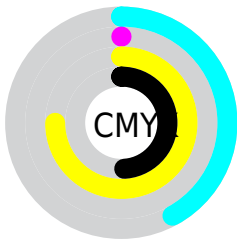
Blue (13%)



Red (13%)

Yellow (51%)

Blue (34%)

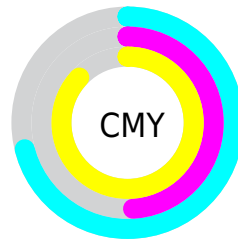


Cyan (42%)

Magenta (0%)

Yellow (75%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7960, -34.4094, -23.5001 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 101.7960, -34.4094, -23.5001 by changing the saturation by 10% instead.

■ 101.7960,
-34.4094, -23.5001

■ 101.7960,
-34.4094, -23.5001

■ 255.0000, 0.0000,
0.0000

■ 75.4000, -37.1722,
-24.0298

■ 154.5680,
-35.2830, -23.3001

■ 52.3530, -25.8100,
-28.3736

■ 182.3400,
-36.1566, -23.1002

■ 32.8720, -16.2059,
-28.8287

■ 210.6990,
-37.3196, -23.4150

■ 21.1320, -10.4181,
-18.5328

■ 231.5410,
-34.2837, -17.1375

■ 0.0000, 0.0000,
0.0000

■ 243.4040,
-26.3282, -2.1083

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

101.7960,
-34.4094, -23.5001

101.7960,
-34.4094, -23.5001

98.2210, -39.0560,
-26.5038

105.3710,
-29.7629, -20.4964

94.6460, -43.7025,
-29.5075

108.9460,
-25.1164, -17.4926

92.7660, -45.7336,
-31.3668

112.8200,
-20.6173, -13.8741

116.3950,
-15.9707, -10.8704

119.9700,
-11.3242, -7.8667

■ 123.4310, -7.1145,
-4.7630

■ 127.0060, -2.4680,
-1.7593

■ 130.5810, 2.1786,
1.2445

■ 134.4550, 6.6777,
4.8630

Harmonies

Analogous

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



106.9400, -52.7214, 16.7156



101.7960, -34.4094, -23.5001



88.1370, -4.9975, -77.2961

Triad

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



101.7960, -34.4094, -23.5001



99.5660, 51.4860, -87.3194



110.9850, -3.4436, 78.0662

Complementary

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



101.7960, -34.4094, -23.5001



59.2040, 34.4094, 23.5001

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.



115.7710, 17.8609, 58.0828



101.7960, -34.4094, -23.5001



92.6190, 57.8688, -81.2269

Square

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



101.7960, -34.4094, -23.5001



99.6680, 36.6457, -87.4088



118.7790, 35.6050, 13.3488



110.8060, -25.5404, 72.0841

Rectangle

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



101.7960, -34.4094, -23.5001



93.0730, 8.8380, -81.6250



118.7790, 35.6050, 13.3488



111.9120, 3.9874, 74.6222

Sweetspot

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



101.7960, -34.4094, -23.5001



157.3890, -13.5028, -9.1112



92.1140, -29.6362, 32.3490



77.4910, -8.1301, -5.6926



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



101.7960, -34.4094, -23.5001



125.6700, -53.5743, -36.5446



89.5090, -25.8869, -50.4354



62.0060, -2.4680, -1.7593



92.1790, -45.4442, -30.8520



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.2040, 34.4094, 23.5001



59.3300, 53.5743, 36.5446



71.4910, 25.8869, 50.4354



58.9940, 2.4680, 1.7593



35.8210, 45.4442, 30.8520



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 101.7960, -34.4094, -23.5001 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 101.7960, -34.4094, -23.5001 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 101.7960, -34.4094, -23.5001 Background



This preview shows how black text looks on a background with the YUV color 101.7960, -34.4094, -23.5001.



This preview shows how white text looks on a background with the YUV color 101.7960, -34.4094, -23.5001.

-23.5001.

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

101.7960, -34.4094, -23.5001

Protanopia

109.2680, -40.0651, 17.3050

Deuteranopia

111.5990, -35.2983, 28.4157



Tritanopia

111.8710, 8.9376, -20.0579

Trichromacy



Original Color

101.7960, -34.4094, -23.5001

Protanomaly

106.3370, -38.1271, 2.3355

Deuteranomaly

107.8910, -34.9493, 9.7426

Tritanomaly

108.0330, -6.9183, -21.0769

Monochromacy



Original Color

101.7960, -34.4094, -23.5001

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0300, -12.3398, -8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7960, -34.4094, -23.5001 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, 129, 32)` looks like.

```
.text, #text, p{  
    color:rgb(75, 129, 32)  
}
```

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, 129, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 129, 32) }
```

Border

The CSS property to change the border of an element to YUV 101.7960, -34.4094, -23.5001 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, 129, 32) }
```


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

```
.border{ border-color:rgb(75, 129, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 129, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 129, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 129, 32);  
box-shadow:4px 4px 4px 4px rgb(75, 129,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 101.7960, -34.4094, -23.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 129, 32) }
```

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

```
.background{ background-color: rgb(75, 129,  
32) }
```

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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