

Converting Colors

YUV(104.7920, -51.6625,
3.6904)

Have a look what the booklet for
YUV(104.7920, -51.6625, 3.6904)
contains.

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Color

**YUV(104.7920, -51.6625,
3.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7B00
RGB	109, 123, 0
RGB Percent	43%, 48%, 0%
CMY	0.5725, 0.5176, 1.0000
CMYK	0.11, 0.00, 1.00, 0.52
HSL	67°, 100%, 24%
HSV	67°, 100%, 48%
XYZ	13.3896, 17.4171, 2.6561
YIQ	104.7920, 31.1390, -41.2210

Conversions

Conversions Part 2

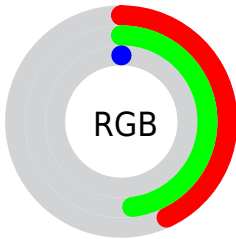
Format	Color
RYB	0, 123, 14
Decimal	7174912
CIELab	48.78, -19.07, 53.69
CIELCh	49, 56.973, 109.552
Yxy	17.4171, 0.4001, 0.5205
Android (android.graphics.Color)	4285364992 (0xFF6D7B00)
YUV	104.7920, -51.6625, 3.6904
Hunter-Lab	41.7338, -15.7653, 25.4402

Details

The YUV color **104.7920, -51.6625, 3.6904** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.2080, 51.6625, -3.6904**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0570, -46.8631, 4.3350**, and **60.4810, -29.8171, -3.0528** is the 20% darker color. If you saturate the color by 10%, you get **104.7920, -51.6625, 3.6904**, and if you desaturate by 10%, it is **106.4590, -46.5683, 3.1055**.

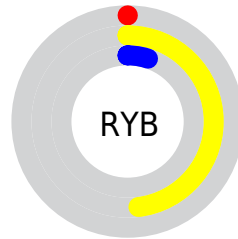
Distribution



Red (43%)

Green (48%)

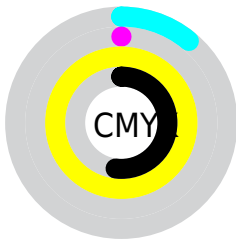
Blue (0%)



Red (0%)

Yellow (48%)

Blue (5%)

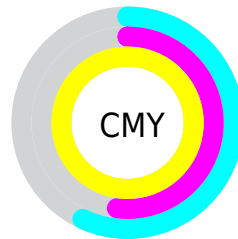


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (57%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7920, -51.6625, 3.6904 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 104.7920, -51.6625, 3.6904 by changing the saturation by 10% instead.

■ 104.7920,
-51.6625, 3.6904

■ 104.7920,
-51.6625, 3.6904

■ 255.0000, 0.0000,
0.0000

■ 82.3430, -40.5951,
0.5762

■ 159.0570,
-46.8631, 4.3350

■ 60.4810, -29.8171,
-3.0528

■ 186.9430,
-47.2999, 4.4350

■ 39.7930, -19.6179,
-7.7115

■ 215.0140,
-48.3209, 5.2497

■ 18.1970, -8.9711,
-15.9588


■ 240.8510,
-47.7475, 8.0237


■ 0.0000, 0.0000,
0.0000

■ 245.5380,
-36.2542, 8.2982

■ 248.7300,


-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 104.7920,
-51.6625, 3.6904

 106.4590,
-46.5683, 3.1055

 108.5390,
-41.1847, 3.0353

 110.2060,
-36.0906, 2.4503

 112.1720,
-31.1438, 2.4802

 113.9530,
-25.6128, 1.7952

■ 115.6200,
-20.5187, 1.2103

■ 117.5860,
-15.5719, 1.2401

■ 119.2530,
-10.4777, 0.6551

■ 121.3330, -5.0942,
0.5850

Harmonies

Analogous

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



109.1430, -53.8075, 38.4626



104.7920, -51.6625, 3.6904



96.7100, -24.0140, -44.4727

Triad

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



104.7920, -51.6625, 3.6904



100.7910, 43.4870, -88.3937



113.8990, 10.4028, 70.2486

Complementary

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



104.7920, -51.6625, 3.6904



18.2080, 51.6625, -3.6904

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.



119.0050, 29.5775, 33.3216



104.7920, -51.6625, 3.6904



98.0160, 55.7011, -85.9600

Square

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



104.7920, -51.6625, 3.6904



97.7640, 24.2733, -85.7390



112.0880, 46.7916, -28.1412



110.8190, -11.7428, 79.9657

Rectangle

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



104.7920, -51.6625, 3.6904



88.9520, -4.4133, -78.0109



112.0880, 46.7916, -28.1412



115.9670, 17.2713, 60.5419

Sweetspot

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



104.7920, -51.6625, 3.6904



153.6200, -20.5187, 1.2103



43.8210, -21.6038, 69.4400



77.3840, -12.5143, 0.5402



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.



104.7920, -51.6625, 3.6904



136.9650, -67.5237, 4.4157



86.8520, -42.8180, -33.1962



60.3160, -2.6208, 0.5999



106.5640, -52.5361, 3.8904



214.9000, -105.9457, 7.9807

Inverse Universe

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



18.2080, 51.6625, -3.6904



23.7360, 67.6712, -5.0305



36.1480, 42.8180, 33.1962



55.9830, 2.4734, 0.0149



18.4360, 52.5361, -3.8904



37.3990, 105.7983, -7.3659

Previews

White Background



This preview shows how the YUV color 104.7920, -51.6625, 3.6904 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 104.7920, -51.6625, 3.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

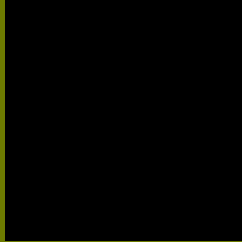
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7920, -51.6625, 3.6904

Background



This preview shows how black text looks on a background with the YUV color 104.7920, -51.6625, 3.6904.



This preview shows how white text looks on a background with the YUV color 104.7920, -51.6625, 3.6904.

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



Protanopia

107.2610, -52.8797, 20.8191

Deuteranopia

110.6180, -44.1817, 31.0300

Tritanopia

116.2220, 3.3416, 1.5593

Trichromacy



Protanomaly

106.6300, -52.5686, 14.3565

Deuteranomaly

108.7540, -47.2067, 21.2637

Tritanomaly

111.9560, -16.7403, 2.6696

Monochromacy



Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0760, -18.7715, 0.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7920, -51.6625, 3.6904 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(109, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 123, 0)  
}
```

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(109, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 123, 0) }
```

Border

The CSS property to change the border of an element to YUV 104.7920, -51.6625, 3.6904 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(109, 123, 0) }
```

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

```
.border{ border-color:rgb(109, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 123,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 104.7920, -51.6625, 3.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 123, 0) }
```

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

```
.background{ background-color: rgb(109,  
123, 0) }
```

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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