

Converting Colors

YUV(104.7070, -22.5336,
-5.8820)

Have a look what the booklet for
YUV(104.7070, -22.5336, -5.8820)
contains.

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Color

**YUV(104.7070, -22.5336,
-5.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	62753B
RGB	98, 117, 59
RGB Percent	38%, 46%, 23%
CMY	0.6157, 0.5412, 0.7686
CMYK	0.16, 0.00, 0.50, 0.54
HSL	80°, 33%, 35%
HSV	80°, 50%, 46%
XYZ	12.1877, 15.6350, 6.5132
YIQ	104.7070, 7.2940, -22.0660

Conversions

Conversions Part 2

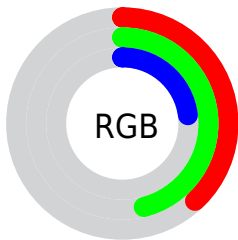
Format	Color
RYB	59, 117, 78
Decimal	6452539
CIELab	46.49, -17.23, 29.53
CIELCh	46, 34.185, 120.262
Yxy	15.6350, 0.3550, 0.4554
Android (android.graphics.Color)	4284642619 (0xFF62753B)
YUV	104.7070, -22.5336, -5.8820
Hunter-Lab	39.5411, -14.1782, 17.9126

Details

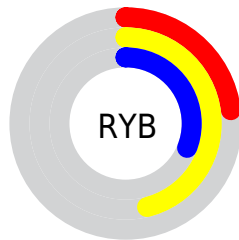
The YUV color **104.7070, -22.5336, -5.8820** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.2930, 22.5336, 5.8820**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3650, -23.8439, -5.5821**, and **56.9350, -21.6600, -6.0820** is the 20% darker color. If you saturate the color by 10%, you get **102.1430, -27.1855, -7.1414**, and if you desaturate by 10%, it is **107.2710, -17.8816, -4.6227**.

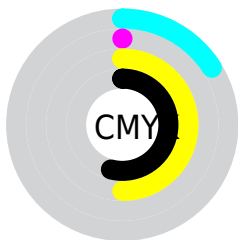
Distribution



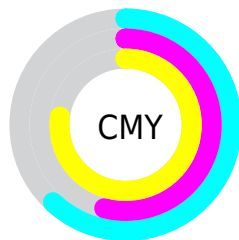
- Red (38%)
- Green (46%)
- Blue (23%)



- Red (23%)
- Yellow (46%)
- Blue (31%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7070, -22.5336, -5.8820 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 104.7070, -22.5336, -5.8820 by changing the saturation by 10% instead.

■ 104.7070,
-22.5336, -5.8820

■ 104.7070,
-22.5336, -5.8820

■ 255.0000, 0.0000,
0.0000

■ 79.9350, -21.6600,
-6.0820

■ 156.3650,
-23.8439, -5.5821

■ 56.9350, -21.6600,
-6.0820

■ 183.1370,
-24.7175, -5.3821

■ 35.3740, -17.4394,
-6.4670

■ 211.0230,
-25.1543, -5.2822

■ 15.8490, -7.8136,
-13.8996

■ 239.4960,
-25.8805, -5.6970

■ 0.0000, 0.0000,
0.0000

■ 250.4400,
-17.4719, 3.9991

■ 253.6320, -5.2416,

1.1997

■ 104.7070,
-22.5336, -5.8820

■ 104.7070,
-22.5336, -5.8820

■ 102.1430,
-27.1855, -7.1414

■ 107.2710,
-17.8816, -4.6227

■ 99.6930, -31.4006,
-8.5008

■ 109.7210,
-13.6665, -3.2633

■ 97.4280, -36.2000,
-9.1454

■ 111.9860, -8.8671,
-2.6187

■ 94.8640, -40.8520,
-10.4047

■ 114.5500, -4.2152,
-1.3594

■ 92.4140, -45.0671,
-11.7641

■ 117.1140, 0.4368,
-0.1000

■ 92.3000, -45.5039,
-11.6641

■ 119.5640, 4.6519,
1.2594

■ 122.1280, 9.3039,
2.5187

■ 124.6920, 13.9558,
3.7781

■ 126.8430, 18.3184,
4.5227

Harmonies

Analogous

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



107.7700, -27.9876, 16.8647



104.7070, -22.5336, -5.8820



99.3860, -9.0643, -32.7875

Triad

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



104.7070, -22.5336, -5.8820



88.5660, 34.7240, -77.6724



112.4600, -0.7198, 44.3236

Complementary

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



104.7070, -22.5336, -5.8820



71.2930, 22.5336, 5.8820

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.



113.5040, 12.5695, 28.4990



104.7070, -22.5336, -5.8820



103.9070, 31.1048, -36.7524

Square

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



104.7070, -22.5336, -5.8820



88.5200, 24.3936, -77.6320



112.4880, 23.4234, 0.4490



110.4420, -13.5289, 46.0934

Rectangle

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



104.7070, -22.5336, -5.8820



91.9620, 3.9627, -57.8487



112.4880, 23.4234, 0.4490



112.9910, 3.9484, 40.3499

Sweetspot

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



104.7070, -22.5336, -5.8820



147.9860, -8.8671, -2.6187



86.9080, -13.7586, 26.3907



73.9090, -5.3781, -1.6742



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.7070, -22.5336, -5.8820



133.7700, -34.8896, -9.4453



96.3350, -18.4062, -23.0958



57.7180, -2.3260, -0.6297



96.1320, -47.3931, -12.3938



196.9820, -97.1121, -25.4172

Inverse Universe

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



71.2930, 22.5336, 5.8820



81.9310, 35.0370, 8.8305



79.6650, 18.4062, 23.0958



54.2820, 2.3260, 0.6297



25.8680, 47.3931, 12.3938



53.0180, 97.1121, 25.4172

Previews

White Background



This preview shows how the YUV color 104.7070, -22.5336, -5.8820 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 104.7070, -22.5336, -5.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

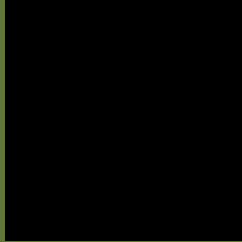
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7070, -22.5336, -5.8820

Background



This preview shows how black text looks on a background with the YUV color 104.7070, -22.5336, -5.8820.



This preview shows how white text looks on a background with the YUV color 104.7070, -22.5336, -5.8820.

-5.8820.

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

104.7070, -22.5336, -5.8820

Protanopia

107.2470, -24.7718, 12.0614

Deuteranopia

108.7690, -23.0571, 22.1276



Tritanopia

109.8300, 4.5208, -3.3589

Trichromacy



Original Color

104.7070, -22.5336, -5.8820

Protanomaly

106.7300, -24.0239, 5.4988

Deuteranomaly

107.1160, -22.7352, 12.1763

Tritanomaly

108.1860, -5.5147, -4.5481

Monochromacy



Original Color

104.7070, -22.5336, -5.8820

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5130, -8.1409, -2.2039

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7070, -22.5336, -5.8820 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(98, 117, 59)` looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 59)  
}
```

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(98, 117, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 59) }
```

Border

The CSS property to change the border of an element to YUV 104.7070, -22.5336, -5.8820 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(98, 117, 59) }
```


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

```
.border{ border-color:rgb(98, 117, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 59);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 104.7070, -22.5336, -5.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 59) }
```

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

```
.background{ background-color: rgb(98, 117,  
59) }
```

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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