

Converting Colors

YUV(48.1870, 70.4068, 4.2210)

Have a look what the booklet for
YUV(48.1870, 70.4068, 4.2210)
contains.

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Color

**YUV(48.1870, 70.4068,
4.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	3512BF
RGB	53, 18, 191
RGB Percent	21%, 7%, 75%
CMY	0.7922, 0.9294, 0.2510
CMYK	0.72, 0.91, 0.00, 0.25
HSL	252°, 83%, 41%
HSV	252°, 91%, 75%
XYZ	11.0885, 4.9511, 49.6614
YIQ	48.1870, -34.6730, 61.2230

Conversions

Conversions Part 2

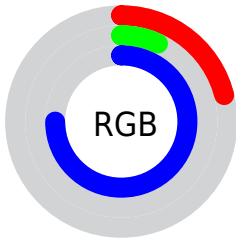
Format	Color
R_{YB}	53, 18, 191
Decimal	3478207
CIE _{Lab}	26.59, 60.71, -80.51
CIE _{LCh}	27, 100.839, 307.020
Yxy	4.9511, 0.1688, 0.0754
Android (android.graphics.Color)	4281668287 (0xFF3512BF)
YUV	48.1870, 70.4068, 4.2210
Hunter-Lab	22.2510, 50.0135, -116.7519

Details

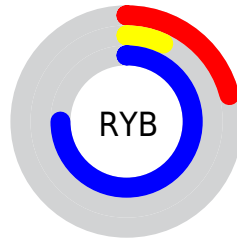
The YUV color **48.1870, 70.4068, 4.2210** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **160.8130, -70.4068, -4.2210**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7150, 69.6535, 12.5279**, and **15.5040, 59.4045, -13.5970** is the 20% darker color. If you saturate the color by 10%, you get **33.4350, 77.6795, 4.8805**, and if you desaturate by 10%, it is **63.8250, 62.6973, 3.6615**.

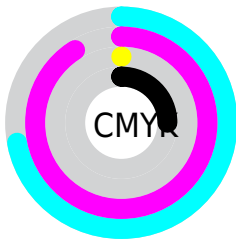
Distribution



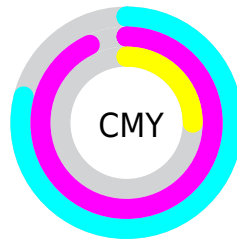
- Red (21%)
- Green (7%)
- Blue (75%)



- Red (21%)
- Yellow (7%)
- Blue (75%)



- Cyan (72%)
- Magenta (91%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1870, 70.4068, 4.2210 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 48.1870, 70.4068, 4.2210 by changing the saturation by 10% instead.

■ 48.1870, 70.4068,
4.2210

■ 48.1870, 70.4068,
4.2210

■ 255.0000, 0.0000,
0.0000

■ 18.5820, 71.1981,
-16.2964

■ 107.7150, 69.6535,
12.5279

■ 15.5040, 59.4045,
-13.5970

■ 132.9300, 60.1805,
17.6014

■ 12.4260, 47.6110,
-10.8976

■ 157.4610, 48.0867,
23.2747

■ 14.8590, 34.0865,
-13.0313

■ 182.2800, 35.8510,
27.8184

■ 10.3620, 24.4715,
-9.0875

■ 207.9850, 23.1784,
32.4622


■ 5.3920, 15.5827,
-4.7288

■ 227.4110, 13.6014,


■ 2.0690, 5.3890,


24.1956


-1.8145


 244.4340, 5.2090,
9.2664


 0.0000, 0.0000,
0.0000

 48.1870, 70.4068,
4.2210


 48.1870, 70.4068,
4.2210


 33.4350, 77.6795,
4.8805

 63.8250, 62.6973,
3.6615

 79.4630, 54.9877,
3.1019

 95.4000, 47.1308,
3.1572

 111.0380, 39.4213,
2.5977

 127.2630, 31.4223,
1.5233

■ 142.9010, 23.7128,
0.9638

■ 158.8380, 15.8559,
1.0191

■ 174.4760, 8.1463,
0.4595

■ 190.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



68.3870, 76.7172, -59.9754



48.1870, 70.4068, 4.2210



61.7910, 31.1620, 85.2523

Triad

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



48.1870, 70.4068, 4.2210



52.6260, -25.9446, 61.7180



59.6020, 10.0562, -52.2710

Complementary

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



48.1870, 70.4068, 4.2210



160.8130, -70.4068, -4.2210

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.



49.3080, -24.3088, -43.2431



48.1870, 70.4068, 4.2210



57.8670, -28.5284, 3.6246

Square

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



48.1870, 70.4068, 4.2210



49.3350, -24.3222, 101.4382



46.9600, -23.1513, -41.1839



69.5540, 43.1109, -60.9989

Rectangle

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



48.1870, 70.4068, 4.2210



62.3700, 6.2266, 103.1615



46.9600, -23.1513, -41.1839



55.9370, -1.4479, -49.0567

Sweetspot

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



48.1870, 70.4068, 4.2210



192.4110, 26.9124, 1.3936



118.7280, 35.6301, -88.3385



91.9520, 16.2927, 0.9191



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



48.1870, 70.4068, 4.2210



43.1080, 100.5188, 6.0443



73.9010, 57.7298, 57.0918



86.6240, 3.6364, 0.3298



27.5800, 64.2971, 3.8763



5.3280, 12.6563, 0.5893

Inverse Universe

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



85.4590, 34.7767, 92.5595



96.3110, 49.6397, 132.1543



135.0990, -57.7298, -57.0918



88.4890, 1.7309, 4.8331



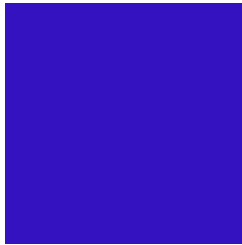
61.6060, 31.7462, 84.5375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 48.1870, 70.4068, 4.2210 looks on a white background.

Color Contrast Check

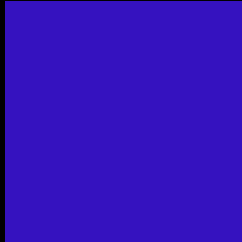
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 48.1870, 70.4068, 4.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

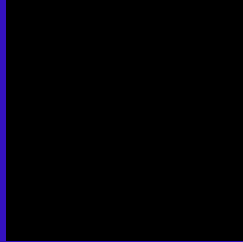
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1870, 70.4068, 4.2210

Background



This preview shows how black text looks on a background with the YUV color 48.1870, 70.4068, 4.2210.



This preview shows how white text looks on a background with the YUV color 48.1870, 70.4068,

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

48.1870, 70.4068, 4.2210

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

51.2820, 28.9480, -44.9743



Tritanopia

50.2270, 12.2131, -44.0491

Trichromacy



Original Color

48.1870, 70.4068, 4.2210

Protanomaly

49.4240, 50.5700, -26.6818

Deuteranomaly

50.2900, 43.7340, -27.4413

Tritanomaly

49.5430, 33.2563, -26.7862

Monochromacy



Original Color

48.1870, 70.4068, 4.2210

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0690, 25.6020, 1.6935

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1870, 70.4068, 4.2210 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(53, 18, 191)` looks like.

```
.text, #text, p{  
    color:rgb(53, 18, 191)  
}
```

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(53, 18, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 18, 191) }
```

Border

The CSS property to change the border of an element to YUV 48.1870, 70.4068, 4.2210 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(53, 18, 191) }
```


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

```
.border{ border-color:rgb(53, 18, 191) }
```

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

Here you see how a box with a 4 pixel rgb(53, 18, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 18, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 18, 191);  
box-shadow:4px 4px 4px 4px rgb(53, 18,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 48.1870, 70.4068, 4.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 18, 191) }
```

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

```
.background{ background-color: rgb(53, 18,  
191) }
```

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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