

Converting Colors

YUV(109.6840, -17.0992,
71.3141)

Have a look what the booklet for
YUV(109.6840, -17.0992, 71.3141)
contains.

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Color

**YUV(109.6840, -17.0992,
71.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4B4B
RGB	191, 75, 75
RGB Percent	75%, 29%, 29%
CMY	0.2510, 0.7059, 0.7059
CMYK	0.00, 0.61, 0.61, 0.25
HSL	0°, 48%, 52%
HSV	0°, 61%, 75%
XYZ	25.2719, 16.6165, 8.5319
YIQ	109.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

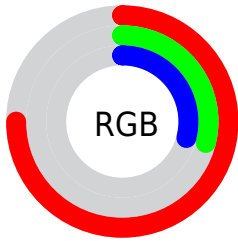
Format	Color
R_{YB}	191, 75, 75
Decimal	12536651
CIE _{Lab}	47.77, 46.63, 24.37
CIE _{LCh}	48, 52.616, 27.591
Yxy	16.6165, 0.5012, 0.3296
Android (android.graphics.Color)	4290726731 (0xFFBF4B4B)
YUV	109.6840, -17.0992, 71.3141
Hunter-Lab	40.7634, 39.3282, 16.1247

Details

The YUV color **109.6840, -17.0992, 71.3141** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **156.3160, 17.0992, -71.3141**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6200, -20.0257, 76.6323**, and **52.9810, -10.8366, 69.2997** is the 20% darker color. If you saturate the color by 10%, you get **96.3650, -19.8999, 82.9949**, and if you desaturate by 10%, it is **123.0030, -14.2985, 59.6334**.

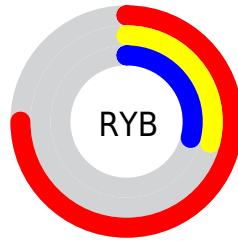
Distribution



Red (75%)

Green (29%)

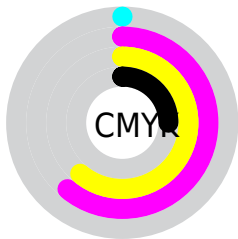
Blue (29%)



Red (75%)

Yellow (29%)

Blue (29%)

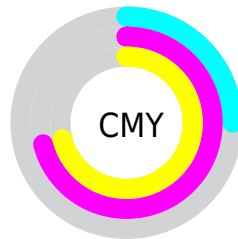


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6840, -17.0992, 71.3141 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 109.6840, -17.0992, 71.3141 by changing the saturation by 10% instead.

■ 109.6840,
-17.0992, 71.3141

■ 109.6840,
-17.0992, 71.3141

255.0000, 0.0000,
0.0000

■ 82.2430, -14.9098,
69.0699

■ 164.6200,
-20.0257, 76.6323

■ 52.9810, -10.8366,
69.2997

■ 184.9170,
-17.2141, 61.4628

■ 31.8230, -11.2517,
62.4222

■ 203.7300,
-13.6709, 44.9638

■ 22.1260, -10.9081,
45.4935

■ 223.9450, -9.8329,
27.2352

■ 14.5800, -6.2019,
29.3093

■ 244.1600, -5.9949,
9.5067

■ 0.0000, 0.0000,
0.0000

■ 109.6840,
-17.0992, 71.3141

■ 109.6840,
-17.0992, 71.3141

■ 96.3650, -19.8999,
82.9949

■ 123.0030,
-14.2985, 59.6334

■ 83.0460, -22.7007,
94.6757

■ 136.3220,
-11.4977, 47.9526

■ 69.7270, -25.5014,
106.3564

■ 149.6410, -8.6970,
36.2718

■ 57.1090, -28.1547,
117.4224

■ 162.9600, -5.8963,
24.5911

■ 176.9800, -2.9481,
12.2955

■ 190.2990, -0.1474,
0.6148

■ 203.6180, 2.6533,
-11.0660

■ 216.9370, 5.4541,

-22.7467

■ 230.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



111.4660, 3.7143, 68.8743



109.6840, -17.0992, 71.3141



109.6500, -35.8164, 54.6810

Triad

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



109.6840, -17.0992, 71.3141



90.6680, -13.6403, -58.4678



93.4680, 53.5063, -81.9714

Complementary

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



109.6840, -17.0992, 71.3141



156.3160, 17.0992, -71.3141

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.



97.7420, 44.4972, -85.7197



109.6840, -17.0992, 71.3141



90.9700, 8.3958, -79.7807

Square

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



109.6840, -17.0992, 71.3141



103.3420, -39.1156, -7.3159



96.1000, 28.0517, -84.2797



114.0430, 38.4328, -7.0537

Rectangle

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



109.6840, -17.0992, 71.3141



108.4940, -46.0925, 37.2778



96.1000, 28.0517, -84.2797



95.5880, 51.4751, -83.8307

Sweetspot

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



109.6840, -17.0992, 71.3141



216.1560, -6.4859, 27.0502



122.9080, 33.5694, 59.7167



105.3720, -4.1274, 17.2138



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.



109.6840, -17.0992, 71.3141



120.8200, -26.5333, 110.6599



143.7300, -33.8839, 41.4558



87.6910, -1.3267, 5.5330



47.2420, -23.2903, 97.1348



9.2690, -4.5696, 19.0581

Inverse Universe

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



156.3160, 17.0992, -71.3141



193.1800, 26.5333, -110.6599



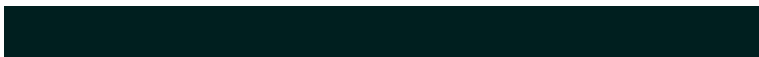
122.2700, 33.8839, -41.4558



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Previews

White Background



This preview shows how the YUV color 109.6840, -17.0992, 71.3141 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 109.6840, -17.0992, 71.3141 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 109.6840, -17.0992, 71.3141 Background



This preview shows how black text looks on a background with the YUV color 109.6840, -17.0992, 71.3141.



This preview shows how white text looks on a background with the YUV color 109.6840, -17.0992, 71.3141.

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

109.6840, -17.0992, 71.3141

Protanopia

113.4710, -11.0782, 6.6029

Deuteranopia

113.1110, -21.7467, 21.8277



Tritanopia

109.5530, -15.0626, 71.4290

Trichromacy



Original Color

109.6840, -17.0992, 71.3141

Protanomaly

112.0440, -13.3327, 29.7794

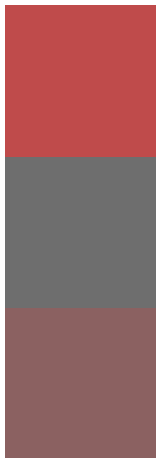
Deuteranomaly

111.9760, -20.2012, 39.4860

Tritanomaly

109.4390, -15.4994, 71.5290

Monochromacy



Original Color

109.6840, -17.0992, 71.3141

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.5580, -6.1911, 25.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6840, -17.0992, 71.3141 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(191, 75, 75)` looks like.

```
.text, #text, p{  
    color:rgb(191, 75, 75)  
}
```

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(191, 75, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 75, 75) }
```

Border

The CSS property to change the border of an element to YUV 109.6840, -17.0992, 71.3141 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(191, 75, 75) }
```


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

```
.border{ border-color:rgb(191, 75, 75) }
```

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

Here you see how a box with a 4 pixel rgb(191, 75, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 75, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 75, 75);  
box-shadow:4px 4px 4px 4px rgb(191, 75,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 109.6840, -17.0992, 71.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 75, 75) }
```

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

```
.background{ background-color: rgb(191, 75,  
75) }
```

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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