

Converting Colors

YUV(60.7700, -24.0436,
105.4417)

Have a look what the booklet for
YUV(60.7700, -24.0436, 105.4417)
contains.

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Color

**YUV(60.7700, -24.0436,
105.4417)**

Conversions

Conversions Part 1

Format	Color
Hex	B5090C
RGB	181, 9, 12
RGB Percent	71%, 4%, 5%
CMY	0.2902, 0.9647, 0.9529
CMYK	0.00, 0.95, 0.93, 0.29
HSL	359°, 91%, 37%
HSV	359°, 95%, 71%
XYZ	19.2201, 10.0457, 1.2738
YIQ	60.7700, 101.5490, 37.3970

Conversions

Conversions Part 2

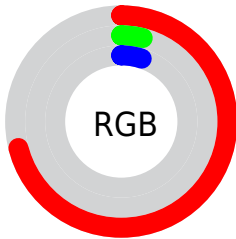
Format	Color
RYB	181, 9, 12
Decimal	11864332
CIELab	37.92, 61.05, 47.57
CIElCh	38, 77.392, 37.928
Yxy	10.0457, 0.6294, 0.3289
Android (android.graphics.Color)	4290054412 (0xFFB5090C)
YUV	60.7700, -24.0436, 105.4417
Hunter-Lab	31.6949, 52.7780, 19.8036

Details

The YUV color **60.7700, -24.0436, 105.4417** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **129.2300, 24.0436, -105.4417**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1150, -34.0737, 102.5081**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **54.4610, -25.3703, 110.9747**, and if you desaturate by 10%, it is **73.3880, -21.3903, 94.3757**.

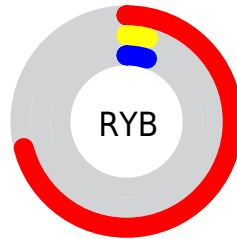
Distribution



Red (71%)

Green (4%)

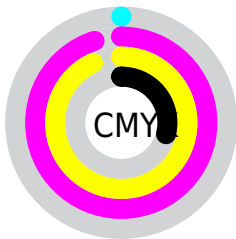
Blue (5%)



Red (71%)

Yellow (4%)

Blue (5%)

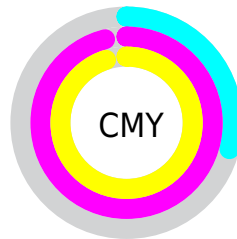


Cyan (0%)

Magenta (95%)

Yellow (93%)

Black (29%)



Cyan (29%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7700, -24.0436, 105.4417 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 60.7700, -24.0436, 105.4417 by changing the saturation by 10% instead.

■ 60.7700, -24.0436,
105.4417

■ 60.7700, -24.0436,
105.4417

■ 253.7460, -4.8048,
1.0998

■ 44.8500, -22.1110,
92.2166

■ 128.1150,
-34.0737, 102.5081

■ 35.2820, -17.3940,
72.5437

■ 150.8640,
-33.4570, 91.3273

■ 26.0130, -12.8244,
53.4856

■ 170.1500,
-30.6399, 74.4135

■ 17.8690, -7.8234,
36.0719

■ 190.1370,
-27.6755, 56.8849

■ 5.9800, -2.9481,
12.2955

■ 210.1240,
-24.7111, 39.3563

■ 0.0000, 0.0000,
0.0000

■ 230.2250,

-21.3099, 21.7277

■ 250.4400,
-17.4719, 3.9991

■ 60.7700, -24.0436,
105.4417

■ 60.7700, -24.0436,
105.4417

■ 54.4610, -25.3703,
110.9747

■ 73.3880, -21.3903,
94.3757

■ 86.0060, -18.7370,
83.3097

■ 98.5100, -16.5204,
72.3437

■ 111.1280,
-13.8671, 61.2777

■ 124.3330,
-11.5032, 49.6970

■ 136.9510, -8.8498,
38.6310

■ 149.4550, -6.6333,
27.6650

■ 162.0730, -3.9800,
16.5990

■ 174.6910, -1.3267,
5.5330

Harmonies

Analogous

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



66.3710, 4.7471, 111.0536



60.7700, -24.0436, 105.4417



82.9830, -40.9106, 55.2659

Triad

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



60.7700, -24.0436, 105.4417



69.3750, -15.9609, -60.8419



79.2150, 67.4350, -69.4716

Complementary

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



60.7700, -24.0436, 105.4417



129.2300, 24.0436, -105.4417

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.



87.5810, 58.8736, -76.8085



60.7700, -24.0436, 105.4417



78.8880, 12.8732, -69.1848

Square

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



60.7700, -24.0436, 105.4417



61.6350, -30.3861, -54.0539



85.8420, 39.5179, -75.2834



88.5630, 50.0084, 13.5382

Rectangle

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



60.7700, -24.0436, 105.4417



84.2690, -41.5446, 25.1971



85.8420, 39.5179, -75.2834



83.4380, 65.8461, -73.1751

Sweetspot

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



60.7700, -24.0436, 105.4417



187.4460, -9.5869, 41.7049



78.2420, 50.6597, 84.8568



88.3730, -5.6069, 25.1059



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



60.7700, -24.0436, 105.4417



70.7210, -32.8935, 144.0727



107.3880, -48.5053, 64.5577



82.6910, -1.3267, 5.5330



46.0890, -21.2429, 93.7609



7.7740, -3.8326, 15.9842

Inverse Universe

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



60.7700, -24.0436, 105.4417



70.7210, -32.8935, 144.0727



82.6120, 48.5053, -64.5577



82.6910, -1.3267, 5.5330



46.0890, -21.2429, 93.7609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 60.7700, -24.0436, 105.4417 looks on a white background.

Color Contrast Check

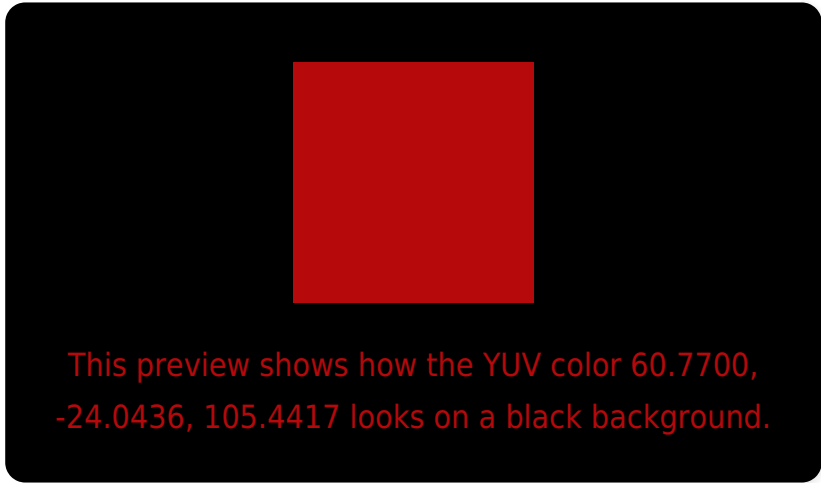
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 60.7700, -24.0436, 105.4417

Background



This preview shows how black text looks on a background with the YUV color 60.7700, -24.0436, 105.4417.



This preview shows how white text looks on a background with the YUV color 60.7700, -24.0436,

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

60.7700, -24.0436, 105.4417

Protanopia

87.9930, -29.5765, 13.1611

Deuteranopia

85.4540, -42.1288, 25.9118



Tritanopia

63.2120, -31.1635, 102.4231

Trichromacy



Original Color

60.7700, -24.0436, 105.4417

Protanomaly

78.0710, -27.6430, 46.4187

Deuteranomaly

76.6500, -35.8164, 54.6810

Tritanomaly

61.9070, -28.5482, 103.5676

Monochromacy



Original Color

60.7700, -24.0436, 105.4417

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9510, -8.8498, 38.6310

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7700, -24.0436, 105.4417 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(181, 9, 12)` looks like.

```
.text, #text, p{  
    color:rgb(181, 9, 12)  
}
```

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(181, 9, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 9, 12) }
```

Border

The CSS property to change the border of an element to YUV 60.7700, -24.0436, 105.4417 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(181, 9, 12) }
```


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

```
.border{ border-color:rgb(181, 9, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 9, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 9, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 9, 12);  
box-shadow:4px 4px 4px 4px rgb(181, 9, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.7700, -24.0436, 105.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 9, 12) }
```

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

```
.background{ background-color: rgb(181, 9,  
12) }
```

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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