

Converting Colors

YUV(68.0790, -23.2099,
24.4867)

Have a look what the booklet for
YUV(68.0790, -23.2099, 24.4867)
contains.

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Color

**YUV(68.0790, -23.2099,
24.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	603F15
RGB	96, 63, 21
RGB Percent	38%, 25%, 8%
CMY	0.6235, 0.7529, 0.9176
CMYK	0.00, 0.34, 0.78, 0.62
HSL	34°, 64%, 23%
HSV	34°, 78%, 38%
XYZ	6.7367, 6.0960, 1.5310
YIQ	68.0790, 33.1500, -6.0660

Conversions

Conversions Part 2

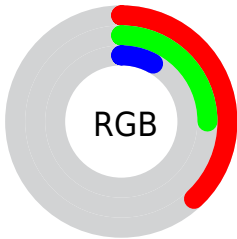
Format	Color
R_{YB}	80, 96, 21
Decimal	6307605
CIE _{Lab}	29.65, 10.14, 30.44
CIE _{LCh}	30, 32.084, 71.575
Yxy	6.0960, 0.4690, 0.4244
Android (android.graphics.Color)	4284497685 (0xFF603F15)
YUV	68.0790, -23.2099, 24.4867
Hunter-Lab	24.6900, 5.4968, 13.6064

Details

The YUV color **68.0790, -23.2099, 24.4867** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **48.9210, 23.2099, -24.4867**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5310, -25.4048, 28.4753**, and **25.7820, -12.7105, 16.8542** is the 20% darker color. If you saturate the color by 10%, you get **64.5910, -26.4204, 27.5457**, and if you desaturate by 10%, it is **71.5670, -19.9995, 21.4277**.

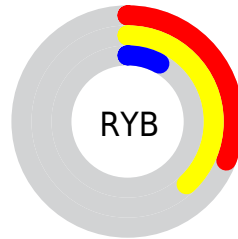
Distribution



Red (38%)

Green (25%)

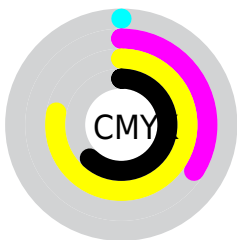
Blue (8%)



Red (31%)

Yellow (38%)

Blue (8%)

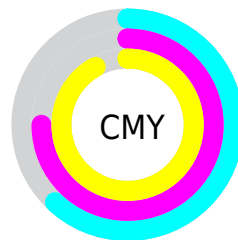


Cyan (0%)

Magenta (34%)

Yellow (78%)

Black (62%)



Cyan (62%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0790, -23.2099, 24.4867 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 68.0790, -23.2099, 24.4867 by changing the saturation by 10% instead.

■ 68.0790, -23.2099,
24.4867

■ 68.0790, -23.2099,
24.4867

■ 254.6580, -1.3104,
0.2999

■ 45.2960, -22.3309,
22.5424

■ 117.5310,
-25.4048, 28.4753

■ 25.7820, -12.7105,
16.8542

■ 143.0150,
-26.1364, 29.8048

■ 5.9800, -2.9481,
12.2955

■ 169.7980,
-27.0154, 31.7492

■ 0.0000, 0.0000,
0.0000

■ 197.2820,
-27.7470, 33.0787

■ 222.7760,
-27.0046, 28.2604

■ 242.2900,

-23.3140, 11.1467

■ 251.3520,
-13.9775, 3.1993

■ 68.0790, -23.2099,
24.4867

■ 68.0790, -23.2099,
24.4867

■ 64.5910, -26.4204,
27.5457

■ 71.5670, -19.9995,
21.4277

■ 61.2170, -29.1940,
30.5047

■ 74.9410, -17.2259,
18.4687

■ 60.4020, -29.7782,
31.2194

■ 79.0160, -14.3049,
14.8950

■ 82.3900, -11.5313,
11.9360

■ 85.8780, -8.3209,
8.8770

■ 89.3660, -5.1104,
5.8180

■ 93.3270, -2.6262,
2.3442

■ 96.8150, 0.5842,
-0.7148

■ 100.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



68.6320, -15.1016, 37.1567



68.0790, -23.2099, 24.4867



66.3280, -24.3187, 6.7283

Triad

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



68.0790, -23.2099, 24.4867



57.1400, 10.7770, -50.1118



71.9470, 17.2811, 10.5705

Complementary

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



68.0790, -23.2099, 24.4867



48.9210, 23.2099, -24.4867

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.



66.3280, 25.9673, -22.2127



68.0790, -23.2099, 24.4867



59.1750, 21.1127, -51.8965

Square

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



68.0790, -23.2099, 24.4867



53.5890, -0.2904, -46.9976



58.5370, 28.8223, -51.3369



71.1470, 7.3225, 31.4431

Rectangle

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



68.0790, -23.2099, 24.4867



64.5050, -19.4760, -6.5819



58.5370, 28.8223, -51.3369



71.2770, 20.0764, 0.6341

Sweetspot

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



68.0790, -23.2099, 24.4867



114.0630, -8.9051, 9.5917



47.3010, 3.7956, 42.7090



57.2520, -5.5472, 5.9180



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



68.0790, -23.2099, 24.4867



81.0240, -36.4938, 38.5670



86.2540, -32.1702, 5.0392



46.3700, -1.1684, 1.4295



70.4690, -34.7412, 36.4227



150.4180, -74.1561, 78.5634

Inverse Universe

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



48.9210, 23.2099, -24.4867



50.9760, 36.4938, -38.5670



30.7460, 32.1702, -5.0392



45.6300, 1.1684, -1.4295



41.5310, 34.7412, -36.4227



88.9950, 74.4455, -78.0486

Previews

White Background



This preview shows how the YUV color 68.0790, -23.2099, 24.4867 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 68.0790, -23.2099, 24.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

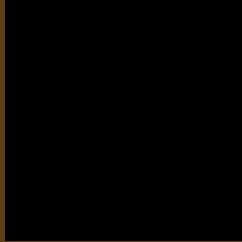
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0790, -23.2099, 24.4867

Background



This preview shows how black text looks on a background with the YUV color 68.0790, -23.2099, 24.4867.



This preview shows how white text looks on a background with the YUV color 68.0790, -23.2099,

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

68.0790, -23.2099, 24.4867

Protanopia

67.3330, -21.8562, 10.2320

Deuteranopia

67.9210, -23.6251, 17.6093



Tritanopia

71.1170, -4.0017, 23.5764

Trichromacy



Original Color

68.0790, -23.2099, 24.4867

Protanomaly

67.2520, -22.3092, 15.5650

Deuteranomaly

68.2310, -23.7779, 19.9684

Tritanomaly

69.6950, -10.6956, 23.9465

Monochromacy



Original Color

68.0790, -23.2099, 24.4867

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8780, -8.3209, 8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0790, -23.2099, 24.4867 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(96, 63, 21)` looks like.

```
.text, #text, p{  
    color:rgb(96, 63, 21)  
}
```

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(96, 63, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 63, 21) }
```

Border

The CSS property to change the border of an element to YUV 68.0790, -23.2099, 24.4867 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(96, 63, 21) }
```


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

```
.border{ border-color:rgb(96, 63, 21) }
```

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

Here you see how a box with a 4 pixel rgb(96, 63, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 63, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 63, 21);  
box-shadow:4px 4px 4px 4px rgb(96, 63, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.0790, -23.2099, 24.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 63, 21) }
```

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

```
.background{ background-color: rgb(96, 63,  
21) }
```

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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