

Converting Colors

YUV(72.0240, -23.1828,
15.7650)

Have a look what the booklet for
YUV(72.0240, -23.1828, 15.7650)
contains.

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Color

**YUV(72.0240, -23.1828,
15.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4819
RGB	90, 72, 25
RGB Percent	35%, 28%, 10%
CMY	0.6471, 0.7176, 0.9020
CMYK	0.00, 0.20, 0.72, 0.65
HSL	43°, 57%, 23%
HSV	43°, 72%, 35%
XYZ	6.7093, 6.8786, 1.8938
YIQ	72.0240, 25.8150, -10.8010

Conversions

Conversions Part 2

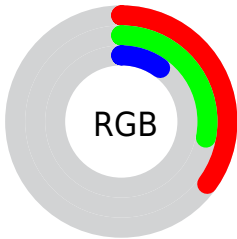
Format	Color
R _Y B	50, 90, 25
Decimal	5916697
CIE Lab	31.53, 1.77, 30.13
CIE LCh	32, 30.180, 86.628
Yxy	6.8786, 0.4334, 0.4443
Android (android.graphics.Color)	4284106777 (0xFF5A4819)
YUV	72.0240, -23.1828, 15.7650
Hunter-Lab	26.2270, -0.2343, 14.0778

Details

The YUV color **72.0240, -23.1828, 15.7650** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.9760, 23.1828, -15.7650**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9920, -24.6461, 18.4240**, and **29.2820, -14.4360, 10.2767** is the 20% darker color. If you saturate the color by 10%, you get **69.8240, -26.5352, 17.6944**, and if you desaturate by 10%, it is **74.2240, -19.8304, 13.8356**.

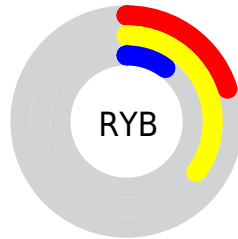
Distribution



Red (35%)

Green (28%)

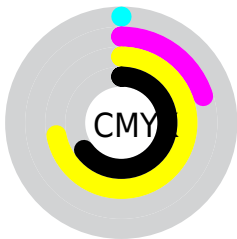
Blue (10%)



Red (20%)

Yellow (35%)

Blue (10%)

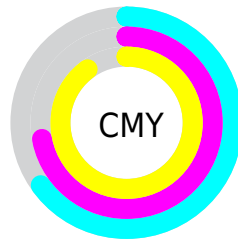


Cyan (0%)

Magenta (20%)

Yellow (72%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0240, -23.1828, 15.7650 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 72.0240, -23.1828, 15.7650 by changing the saturation by 10% instead.

72.0240, -23.1828,
15.7650

72.0240, -23.1828,
15.7650

255.0000, 0.0000,
0.0000

48.7850, -24.0510,
14.2206

120.9920,
-24.6461, 18.4240

29.2820, -14.4360,
10.2767

147.3620,
-25.8145, 19.8535

6.2350, -3.0739,
5.9329

173.8460,
-26.5461, 21.1831

0.0000, 0.0000,
0.0000

201.6180,
-27.4197, 21.3830

229.8030,
-28.0039, 22.0978

248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 72.0240, -23.1828,
15.7650

■ 72.0240, -23.1828,
15.7650

■ 69.8240, -26.5352,
17.6944

■ 74.2240, -19.8304,
13.8356

■ 67.0370, -29.5982,
20.1386

■ 77.0110, -16.7674,
11.3914

■ 65.0650, -32.0770,
21.8680

■ 79.2110, -13.4150,
9.4620

■ 81.9980, -10.3520,
7.0178

■ 84.1980, -6.9996,
5.0884

■ 86.9850, -3.9366,
2.6442

■ 89.1850, -0.5842,
0.7148

■ 91.9720, 2.4788,
-1.7294

■ 94.1720, 5.8312,
-3.6588

Harmonies

Analogous

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



73.2630, -18.8637, 30.4643



72.0240, -23.1828, 15.7650



69.8260, -19.6342, -2.4784

Triad

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



72.0240, -23.1828, 15.7650



61.3120, 16.6082, -53.7706



76.9330, 11.8650, 21.1068

Complementary

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



72.0240, -23.1828, 15.7650



42.9760, 23.1828, -15.7650

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.



75.0700, 20.6715, -3.5694



72.0240, -23.1828, 15.7650



61.6030, 25.3387, -54.0258

Square

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



72.0240, -23.1828, 15.7650



58.5760, 6.1250, -51.3712



64.3640, 27.9215, -42.4152



75.2740, 1.3439, 35.7167

Rectangle

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



72.0240, -23.1828, 15.7650



67.0460, -13.3337, -16.7033



64.3640, 27.9215, -42.4152



76.9860, 14.7969, 14.0443

Sweetspot

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



72.0240, -23.1828, 15.7650



109.9270, -9.3310, 6.2030



46.4870, -1.7191, 38.1609



54.2410, -5.5418, 4.1736



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



72.0240, -23.1828, 15.7650



88.9360, -36.4504, 24.6121



78.4040, -26.3282, -2.1083



44.8430, -1.8946, 1.0147



79.2630, -39.0767, 26.9563



171.2400, -84.4213, 57.6715

Inverse Universe

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



42.9760, 23.1828, -15.7650



43.6510, 36.1611, -25.1269



36.5960, 26.3282, 2.1083



42.7440, 1.6052, -1.5295



30.1500, 39.3660, -26.4415



65.7600, 84.4213, -57.6715

Previews

White Background



This preview shows how the YUV color 72.0240, -23.1828, 15.7650 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 72.0240, -23.1828, 15.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

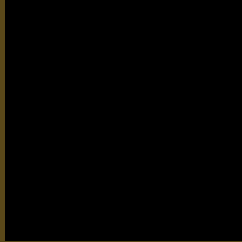
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0240, -23.1828, 15.7650

Background



This preview shows how black text looks on a background with the YUV color 72.0240, -23.1828, 15.7650.



This preview shows how white text looks on a background with the YUV color 72.0240, -23.1828,

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

72.0240, -23.1828, 15.7650

Protanopia

71.8060, -22.5824, 9.8171

Deuteranopia

72.3340, -23.3357, 18.1241



Tritanopia

75.4580, -1.2118, 15.3843

Trichromacy



Original Color

72.0240, -23.1828, 15.7650

Protanomaly

72.1160, -22.7352, 12.1763

Deuteranomaly

72.0350, -23.1883, 17.5093

Tritanomaly

74.3950, -9.0687, 15.4396

Monochromacy



Original Color

72.0240, -23.1828, 15.7650

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1550, -8.4574, 6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0240, -23.1828, 15.7650 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(90, 72, 25)` looks like.

```
.text, #text, p{  
    color:rgb(90, 72, 25)  
}
```

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(90, 72, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 72, 25) }
```

Border

The CSS property to change the border of an element to YUV 72.0240, -23.1828, 15.7650 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(90, 72, 25) }
```


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

```
.border{ border-color:rgb(90, 72, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 72, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 72, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 72, 25);  
box-shadow:4px 4px 4px 4px rgb(90, 72, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0240, -23.1828, 15.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 72, 25) }
```

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

```
.background{ background-color: rgb(90, 72,  
25) }
```

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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