

Converting Colors

YUV(70.2130, -23.2760, -1.0638)

Have a look what the booklet for
YUV(70.2130, -23.2760, -1.0638)
contains.

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Color

**YUV(70.2130, -23.2760,
-1.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	455017
RGB	69, 80, 23
RGB Percent	27%, 31%, 9%
CMY	0.7294, 0.6863, 0.9098
CMYK	0.14, 0.00, 0.71, 0.69
HSL	72°, 55%, 20%
HSV	72°, 71%, 31%
XYZ	5.4776, 7.0644, 1.8855
YIQ	70.2130, 11.7410, -20.0590

Conversions

Conversions Part 2

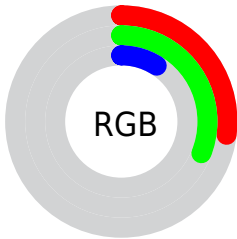
Format	Color
R_{YB}	23, 80, 34
Decimal	4542487
CIE _{Lab}	31.95, -13.56, 30.93
CIE _{LCh}	32, 33.777, 113.674
Yxy	7.0644, 0.3797, 0.4897
Android (android.graphics.Color)	4282732567 (0xFF455017)
YUV	70.2130, -23.2760, -1.0638
Hunter-Lab	26.5789, -9.7267, 14.3993

Details

The YUV color **70.2130, -23.2760, -1.0638** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32.7870, 23.2760, 1.0638**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2840, -24.2970, -0.2491**, and **28.0090, -13.8084, -4.3929** is the 20% darker color. If you saturate the color by 10%, you get **68.7030, -26.4756, -1.4935**, and if you desaturate by 10%, it is **71.7230, -20.0764, -0.6341**.

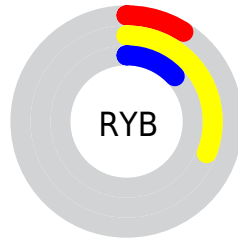
Distribution



Red (27%)

Green (31%)

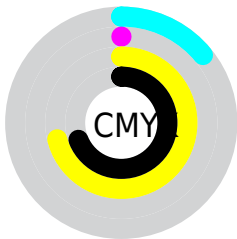
Blue (9%)



Red (9%)

Yellow (31%)

Blue (13%)

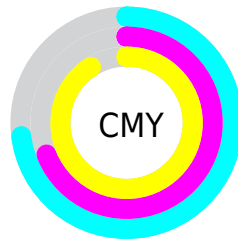


Cyan (14%)

Magenta (0%)

Yellow (71%)

Black (69%)



Cyan (73%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2130, -23.2760, -1.0638 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 70.2130, -23.2760, -1.0638 by changing the saturation by 10% instead.

■ 70.2130, -23.2760,
-1.0638

■ 70.2130, -23.2760,
-1.0638

255.0000, 0.0000,
0.0000

■ 47.2130, -23.2760,
-1.0638

■ 119.2840,
-24.2970, -0.2491

■ 28.0090, -13.8084,
-4.3929

■ 145.0560,
-25.1706, -0.0491

■ 7.6310, -3.7621,
-6.6924

■ 171.8280,
-26.0442, 0.1508

■ 0.0000, 0.0000,
0.0000

■ 199.6000,
-26.9178, 0.3508

■ 227.4860,
-27.3546, 0.4508

■ 248.7300,

-24.0239, 5.4988

■ 251.9220,
-11.7935, 2.6994

■ 70.2130, -23.2760,
-1.0638

■ 70.2130, -23.2760,
-1.0638

■ 68.7030, -26.4756,
-1.4935

■ 71.7230, -20.0764,
-0.6341

■ 67.4920, -29.8226,
-1.3085

■ 72.9340, -16.7295,
-0.8191

■ 66.3950, -32.7327,
-1.2234

■ 74.4440, -13.5299,
-0.3894

■ 75.6550, -10.1829,
-0.5744

■ 77.1650, -6.9833,
-0.1447

■ 78.3760, -3.6364,
-0.3298

■ 79.8860, -0.4368,
0.1000

■ 81.0970, 2.9102,
-0.0851

■ 82.6070, 6.1097,
0.3447

Harmonies

Analogous

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



72.5360, -26.3932, 18.8239



70.2130, -23.2760, -1.0638



65.1480, -11.4120, -26.4398

Triad

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



70.2130, -23.2760, -1.0638



63.8200, 26.2177, -55.9701



75.7520, 3.0803, 38.8055

Complementary

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



70.2130, -23.2760, -1.0638



32.7870, 23.2760, 1.0638

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.



77.3290, 14.6278, 21.6365



70.2130, -23.2760, -1.0638



61.5520, 32.7589, -53.9811

Square

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



70.2130, -23.2760, -1.0638



62.6000, 16.4662, -54.9002



74.9600, 24.1767, -7.8579



74.1580, -9.4449, 42.8344

Rectangle

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



70.2130, -23.2760, -1.0638



57.7950, 0.5941, -50.6862



74.9600, 24.1767, -7.8579



76.1690, 7.3117, 34.9318

Sweetspot

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



70.2130, -23.2760, -1.0638



100.9970, -8.8725, -0.8744



45.9130, -11.2961, 29.8943



51.5070, -5.6730, -0.4446



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.2130, -23.2760, -1.0638



89.3580, -36.6585, -2.0680



61.8410, -19.1486, -18.2776



40.2450, -1.5998, -0.2149



86.7510, -42.7682, -2.4126



192.0970, -94.7038, -4.4701

Inverse Universe

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



32.7870, 23.2760, 1.0638



30.3430, 36.8059, 1.4532



41.1590, 19.1486, 18.2776



37.7550, 1.5998, 0.2149



17.9500, 42.9156, 1.7979



39.9030, 94.7038, 4.4701

Previews

White Background



This preview shows how the YUV color 70.2130, -23.2760, -1.0638 looks on a white background.

Color Contrast Check

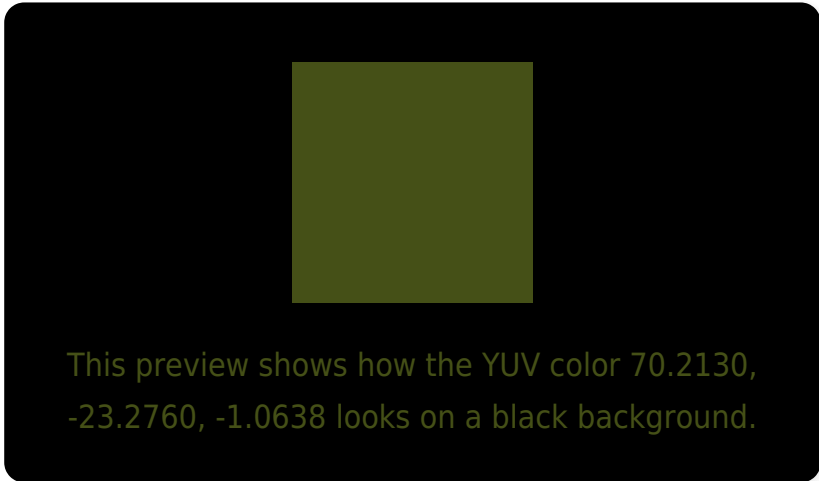
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

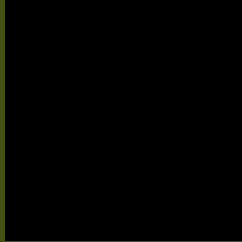
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2130, -23.2760, -1.0638

Background



This preview shows how black text looks on a background with the YUV color 70.2130, -23.2760, -1.0638.



This preview shows how white text looks on a background with the YUV color 70.2130, -23.2760,

-1.0638.

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

70.2130, -23.2760, -1.0638

Protanopia

71.6490, -24.4770, 10.8318

Deuteranopia

72.7470, -23.0463, 18.6389



Tritanopia

75.6840, 2.6208, -0.5999

Trichromacy



Original Color

70.2130, -23.2760, -1.0638

Protanomaly

71.3280, -24.3187, 6.7283

Deuteranomaly

71.7030, -23.0246, 11.6615

Tritanomaly

73.8660, -6.8359, -0.7595

Monochromacy



Original Color

70.2130, -23.2760, -1.0638

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.4100, -8.5831, -0.3596

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2130, -23.2760, -1.0638 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(69, 80, 23)` looks like.

```
.text, #text, p{  
    color:rgb(69, 80, 23)  
}
```

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(69, 80, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 80, 23) }
```

Border

The CSS property to change the border of an element to YUV 70.2130, -23.2760, -1.0638 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(69, 80, 23) }
```


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

```
.border{ border-color:rgb(69, 80, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 80, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 80, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 80, 23);  
box-shadow:4px 4px 4px 4px rgb(69, 80, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2130, -23.2760, -1.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 80, 23) }
```

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

```
.background{ background-color: rgb(69, 80,  
23) }
```

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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