

Converting Colors

YUV(74.6920, -23.5122,
-65.5049)

Have a look what the booklet for
YUV(74.6920, -23.5122, -65.5049)
contains.

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Color

**YUV(74.6920, -23.5122,
-65.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	007A1B
RGB	0, 122, 27
RGB Percent	0%, 48%, 11%
CMY	1.0000, 0.5216, 0.8941
CMYK	1.00, 0.00, 0.78, 0.52
HSL	133°, 100%, 24%
HSV	133°, 100%, 48%
XYZ	7.1574, 13.9982, 3.3616
YIQ	74.6920, -42.2170, -55.4090

Conversions

Conversions Part 2

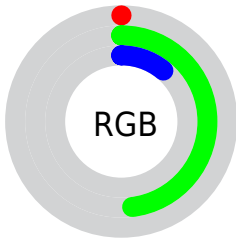
Format	Color
RYB	0, 100, 122
Decimal	31259
CIELab	44.23, -48.47, 41.10
CIELCh	44, 63.553, 139.702
Yxy	13.9982, 0.2919, 0.5710
Android (android.graphics.Color)	4278221339 (0xFF007A1B)
YUV	74.6920, -23.5122, -65.5049
Hunter-Lab	37.4142, -31.3276, 20.8628

Details

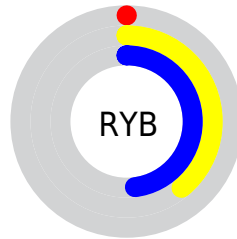
The YUV color **74.6920, -23.5122, -65.5049** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **47.3080, 23.5122, 65.5049**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5260, -28.3603, -50.4503**, and **41.6770, -20.5468, -36.5507** is the 20% darker color. If you saturate the color by 10%, you get **74.6920, -23.5122, -65.5049**, and if you desaturate by 10%, it is **79.4200, -20.9131, -59.1273**.

Distribution



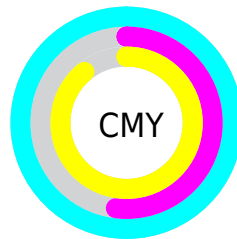
- Red (0%)
- Green (48%)
- Blue (11%)



- Red (0%)
- Yellow (39%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6920, -23.5122, -65.5049 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 74.6920, -23.5122, -65.5049 by changing the saturation by 10% instead.

■ 74.6920, -23.5122,
-65.5049

■ 74.6920, -23.5122,
-65.5049

255.0000, 0.0000,
0.0000

■ 56.3520, -27.7815,
-49.4207

■ 135.5260,
-28.3603, -50.4503

■ 41.6770, -20.5468,
-36.5507

■ 163.4830,
-29.8181, -49.5356

■ 28.7630, -14.1802,
-25.2252

■ 191.2550,
-30.6917, -49.3356

■ 13.5010, -6.6560,
-11.8404

■ 216.5050,
-29.8290, -46.0469

■ 0.0000, 0.0000,
0.0000

■ 228.3680,
-21.8734, -31.0177

■ 240.2310,

-13.9179, -15.9886

252.3930, -6.1097,
-0.3447

74.6920, -23.5122,
-65.5049

79.4200, -20.9131,
-59.1273

84.0340, -18.7508,
-52.6498

89.0610, -16.2991,
-45.6575

93.6750, -14.1368,
-39.1800

98.4030, -11.5377,
-32.8024

■ 103.0170, -9.3754,
-26.3249

■ 107.7450, -6.7763,
-19.9474

■ 112.6580, -4.7614,
-12.8551

■ 117.3860, -2.1623,
-6.4775

Harmonies

Analogous

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



93.8500, -46.2680, 0.1316



74.6920, -23.5122, -65.5049



84.1250, -0.0616, -73.7776

Triad

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



74.6920, -23.5122, -65.5049



91.9180, 57.7214, -80.6121



92.7540, -9.7387, 90.5467

Complementary

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



74.6920, -23.5122, -65.5049



47.3080, 23.5122, 65.5049

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.



96.2900, 14.1540, 80.4297



74.6920, -23.5122, -65.5049



97.0310, 53.2287, -39.4922

Square

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



74.6920, -23.5122, -65.5049



94.4650, 44.6338, -82.8458



106.6510, 33.2031, 37.1401



97.2930, -37.6124, 70.7800

Rectangle

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



74.6920, -23.5122, -65.5049



88.9300, 15.8105, -77.9916



106.6510, 33.2031, 37.1401



91.7570, -0.8662, 91.4211

Sweetspot

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



74.6920, -23.5122, -65.5049



139.7290, -9.2334, -25.1953



100.3180, -49.4568, -3.7869



68.1200, -5.4822, -15.0142



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



74.6920, -23.5122, -65.5049



96.7360, -30.4358, -84.8375



81.5320, 2.6957, -71.5036



58.6360, -1.2995, -3.1888



76.5670, -23.9435, -67.1493



154.3080, -48.4658, -135.3281

Inverse Universe

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



47.3080, 23.5122, 65.5049



61.2640, 30.4358, 84.8375



40.4680, -2.6957, 71.5036



57.3640, 1.2995, 3.1888



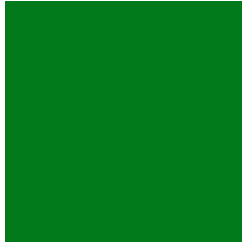
48.4330, 23.9435, 67.1493



97.8060, 48.9026, 135.2281

Previews

White Background



This preview shows how the YUV color 74.6920, -23.5122, -65.5049 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 74.6920, -23.5122, -65.5049 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 74.6920, -23.5122, -65.5049

Background



This preview shows how black text looks on a background with the YUV color 74.6920, -23.5122, -65.5049.



This preview shows how white text looks on a background with the YUV color 74.6920, -23.5122, -65.5049.

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



Protanopia

99.2400, -37.5863, 15.5755

Deuteranopia

101.2010, -31.6511, 25.2567

Tritanopia

95.8900, 13.3652, -40.2455

Trichromacy



Protanomaly

90.0190, -32.5474, -14.0487

Deuteranomaly

91.3880, -28.7853, -7.3563

Tritanomaly

88.2790, -0.1375, -49.3567

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9680, -8.3652, -23.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6920, -23.5122, -65.5049 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(0, 122, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 27)  
}
```

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(0, 122, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 27) }
```

Border

The CSS property to change the border of an element to YUV 74.6920, -23.5122, -65.5049 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(0, 122, 27) }
```

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

```
.border{ border-color:rgb(0, 122, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 27);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 27)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.6920, -23.5122, -65.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 27) }
```

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

```
.background{ background-color: rgb(0, 122,  
27) }
```

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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