

Converting Colors

YUV(71.0560, -22.2126,
-62.3161)

Have a look what the booklet for
YUV(71.0560, -22.2126, -62.3161)
contains.

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Color

**YUV(71.0560, -22.2126,
-62.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	00741A
RGB	0, 116, 26
RGB Percent	0%, 45%, 10%
CMY	1.0000, 0.5451, 0.8980
CMYK	1.00, 0.00, 0.78, 0.55
HSL	133°, 100%, 23%
HSV	133°, 100%, 45%
XYZ	6.4318, 12.5654, 3.0636
YIQ	71.0560, -40.2460, -52.5820

Conversions

Conversions Part 2

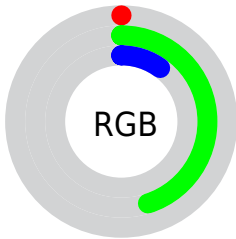
Format	Color
RYB	0, 95, 116
Decimal	29722
CIELab	42.10, -46.68, 39.34
CIELCh	42, 61.051, 139.876
Yxy	12.5654, 0.2916, 0.5696
Android (android.graphics.Color)	4278219802 (0xFF00741A)
YUV	71.0560, -22.2126, -62.3161
Hunter-Lab	35.4477, -29.6452, 19.6891

Details

The YUV color **71.0560, -22.2126, -62.3161** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **44.9440, 22.2126, 62.3161**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5910, -26.9134, -47.8763**, and **38.7420, -19.0998, -33.9767** is the 20% darker color. If you saturate the color by 10%, you get **71.0560, -22.2126, -62.3161**, and if you desaturate by 10%, it is **75.6700, -20.0503, -55.8386**.

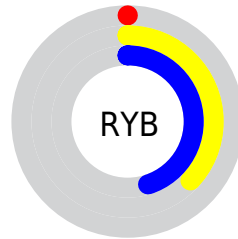
Distribution



Red (0%)

Green (45%)

Blue (10%)



Red (0%)

Yellow (37%)

Blue (45%)

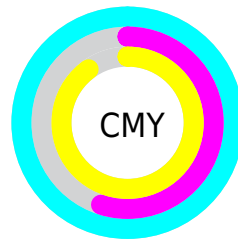


Cyan (100%)

Magenta (0%)

Yellow (78%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0560, -22.2126, -62.3161 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 71.0560, -22.2126, -62.3161 by changing the saturation by 10% instead.

■ 71.0560, -22.2126,
-62.3161

■ 71.0560, -22.2126,
-62.3161

255.0000, 0.0000,
0.0000

■ 53.4170, -26.3346,
-46.8467

■ 130.5910,
-26.9134, -47.8763

■ 38.7420, -19.0998,
-33.9767

■ 158.5480,
-28.3712, -46.9616

■ 25.8280, -12.7332,
-22.6512

■ 186.3200,
-29.2448, -46.7616

■ 8.2180, -4.0515,
-7.2072


■ 214.7930,
-29.9709, -47.1765


■ 0.0000, 0.0000,
0.0000


■ 227.1290,
-22.7416, -32.5621


■ 238.9920,


-14.7861, -17.5330


 250.9690, -6.3937,
-2.6038


 71.0560, -22.2126,
-62.3161

 75.6700, -20.0503,
-55.8386

 79.9850, -17.7406,
-49.9758

 84.5990, -15.5783,
-43.4983

 88.9140, -13.2686,
-37.6356

 93.5280, -11.1063,
-31.1581

■ 98.1420, -8.9440,
-24.6805

■ 102.4570, -6.6343,
-18.8178

■ 107.0710, -4.4720,
-12.3403

■ 111.3860, -2.1623,
-6.4775

Harmonies

Analogous

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



89.4200, -44.0841, -0.3683



71.0560, -22.2126, -62.3161



79.5600, 0.2169, -69.7741

Triad

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



71.0560, -22.2126, -62.3161



87.8430, 54.8004, -77.0383



88.1340, -9.4331, 85.8285

Complementary

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



71.0560, -22.2126, -62.3161



44.9440, 22.2126, 62.3161

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.



91.7410, 13.4387, 76.5261



71.0560, -22.2126, -62.3161



92.6570, 50.4551, -36.5332

Square

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



71.0560, -22.2126, -62.3161



89.9170, 42.4389, -78.8572



101.1840, 31.4613, 35.7956



92.6130, -36.2912, 66.9914

Rectangle

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



71.0560, -22.2126, -62.3161



84.1370, 15.2155, -73.7881



101.1840, 31.4613, 35.7956



87.9090, -1.4341, 86.9028

Sweetspot

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



71.0560, -22.2126, -62.3161



132.5550, -8.6546, -24.1657



95.3010, -46.9834, -3.7720



66.1200, -5.4822, -15.0142



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



71.0560, -22.2126, -62.3161



91.9260, -28.5575, -80.6191



77.5540, 2.6849, -68.0149



56.6360, -1.2995, -3.1888



74.6920, -23.5122, -65.5049



153.1340, -47.8871, -134.2985

Inverse Universe

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



44.9440, 22.2126, 62.3161



58.1880, 28.9943, 80.5191



38.4460, -2.6849, 68.0149



55.2500, 0.8628, 3.2888



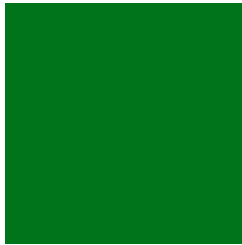
47.3080, 23.5122, 65.5049



96.8660, 47.8871, 134.2985

Previews

White Background



This preview shows how the YUV color 71.0560, -22.2126, -62.3161 looks on a white background.

Color Contrast Check

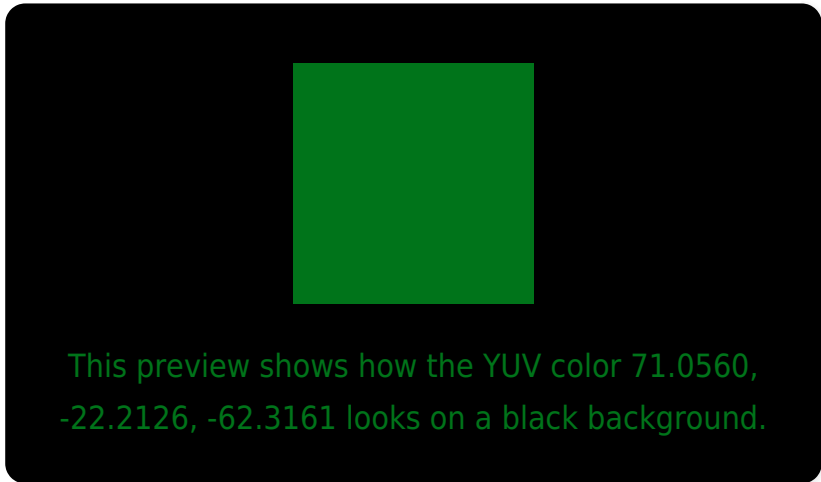
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.0560, -22.2126, -62.3161 Background



This preview shows how black text looks on a background with the YUV color 71.0560, -22.2126, -62.3161.



This preview shows how white text looks on a background with the YUV color 71.0560, -22.2126, -62.3161.

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

71.0560, -22.2126, -62.3161

Protanopia

94.1090, -35.5497, 15.6904

Deuteranopia

96.2440, -30.1933, 24.3420



Tritanopia

91.0860, 12.7756, -37.7864

Trichromacy



Original Color

71.0560, -22.2126, -62.3161

Protanomaly

85.4860, -30.8056, -12.7042

Deuteranomaly

87.1430, -27.1855, -7.1414

Tritanomaly

84.0020, -0.0010, -46.4828

Monochromacy



Original Color

71.0560, -22.2126, -62.3161

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7940, -7.7864, -22.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0560, -22.2126, -62.3161 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, 116, 26)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 26)  
}
```

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, 116, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 26) }
```

Border

The CSS property to change the border of an element to YUV 71.0560, -22.2126, -62.3161 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, 116, 26) }
```


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

```
.border{ border-color:rgb(0, 116, 26) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 26);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.0560, -22.2126, -62.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 26) }
```

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

```
.background{ background-color: rgb(0, 116,  
26) }
```

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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