

Converting Colors

YUV(66.5060, -20.9555, 1.3102)

Have a look what the booklet for
YUV(66.5060, -20.9555, 1.3102)
contains.

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Color

**YUV(66.5060, -20.9555,
1.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	444A18
RGB	68, 74, 24
RGB Percent	27%, 29%, 9%
CMY	0.7333, 0.7098, 0.9059
CMYK	0.08, 0.00, 0.68, 0.71
HSL	67°, 51%, 19%
HSV	67°, 68%, 29%
XYZ	4.9975, 6.1925, 1.7960
YIQ	66.5060, 12.4740, -16.8220

Conversions

Conversions Part 2

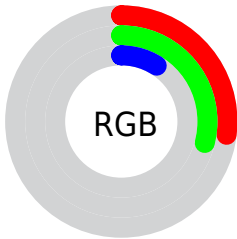
Format	Color
R_{YB}	24, 74, 30
Decimal	4475416
CIE Lab	29.89, -10.50, 28.21
CIE LCh	30, 30.104, 110.409
Yxy	6.1925, 0.3848, 0.4769
Android (android.graphics.Color)	4282665496 (0xFF444A18)
YUV	66.5060, -20.9555, 1.3102
Hunter-Lab	24.8846, -7.7002, 13.1401

Details

The YUV color **66.5060, -20.9555, 1.3102** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **31.4940, 20.9555, -1.3102**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4630, -22.4133, 2.2249**, and **24.4870, -12.0721, -1.3041** is the 20% darker color. If you saturate the color by 10%, you get **65.4090, -23.8656, 1.3953**, and if you desaturate by 10%, it is **67.6030, -18.0453, 1.2252**.

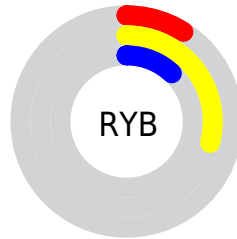
Distribution



 Red (27%)

 Green (29%)

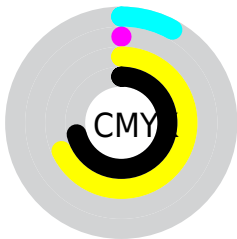
 Blue (9%)



 Red (9%)

 Yellow (29%)

 Blue (12%)

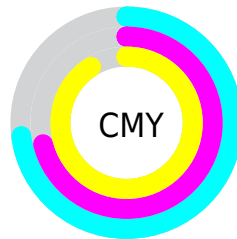


 Cyan (8%)

 Magenta (0%)

 Yellow (68%)

 Black (71%)



 Cyan (73%)

 Magenta (71%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5060, -20.9555, 1.3102 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 66.5060, -20.9555, 1.3102 by changing the saturation by 10% instead.

■ 66.5060, -20.9555,
1.3102

■ 66.5060, -20.9555,
1.3102

■ 255.0000, 0.0000,
0.0000

■ 43.3920, -21.3923,
1.4102

■ 115.4630,
-22.4133, 2.2249

■ 24.4870, -12.0721,
-1.3041

■ 140.6480,
-22.9975, 2.9397

■ 0.0000, 0.0000,
0.0000

■ 167.4200,
-23.8711, 3.1397

■ 194.3060,
-24.3079, 3.2396

■ 222.4910,
-24.8921, 3.9544

■ 248.6160,

-24.4607, 5.5988

251.8080,
-12.2303, 2.7994

66.5060, -20.9555,
1.3102

66.5060, -20.9555,
1.3102

65.4090, -23.8656,
1.3953

67.6030, -18.0453,
1.2252

64.1980, -27.2126,
1.5804

68.8140, -14.6983,
1.0401

63.1010, -30.1228,
1.6654

69.9110, -11.7881,
0.9551

62.8730, -30.9964,
1.8654

71.1220, -8.4411,
0.7700

71.9200, -5.3836,
0.0702

■ 73.0170, -2.4734,
-0.0149

■ 74.2280, 0.8736,
-0.2000

■ 75.3250, 3.7838,
-0.2850

■ 76.5360, 7.1308,
-0.4701

Harmonies

Analogous

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



68.7470, -23.0463, 18.6389



66.5060, -20.9555, 1.3102



62.7790, -11.7230, -19.9772

Triad

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



66.5060, -20.9555, 1.3102



59.0440, 23.1493, -51.7816



71.8330, 3.5333, 33.4725

Complementary

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



66.5060, -20.9555, 1.3102



31.4940, 20.9555, -1.3102

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.



72.9540, 13.3337, 16.7033



66.5060, -20.9555, 1.3102



57.2490, 28.9642, -50.2074

Square

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



66.5060, -20.9555, 1.3102



57.9380, 13.8346, -50.8116



69.9660, 21.7088, -9.6172



70.2930, -7.5394, 38.3310

Rectangle

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



66.5060, -20.9555, 1.3102



56.0950, -1.0328, -42.1793



69.9660, 21.7088, -9.6172



71.8370, 7.4754, 29.0840

Sweetspot

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



66.5060, -20.9555, 1.3102



94.2360, -8.0043, 0.6700



42.4720, -9.1067, 27.6501



46.4470, -4.6574, 0.4850



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



66.5060, -20.9555, 1.3102



85.0040, -33.0330, 1.7505



59.0310, -17.2703, -14.0592



37.5440, -1.7472, 0.3999



86.7840, -42.7845, 2.8204



195.4080, -96.3361, 5.7812

Inverse Universe

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



31.4940, 20.9555, -1.3102



29.9960, 33.0330, -1.7505



38.9690, 17.2703, 14.0592



34.7550, 1.5998, 0.2149



15.2160, 42.7845, -2.8204



34.5920, 96.3361, -5.7812

Previews

White Background



This preview shows how the YUV color 66.5060, -20.9555, 1.3102 looks on a white background.

Color Contrast Check

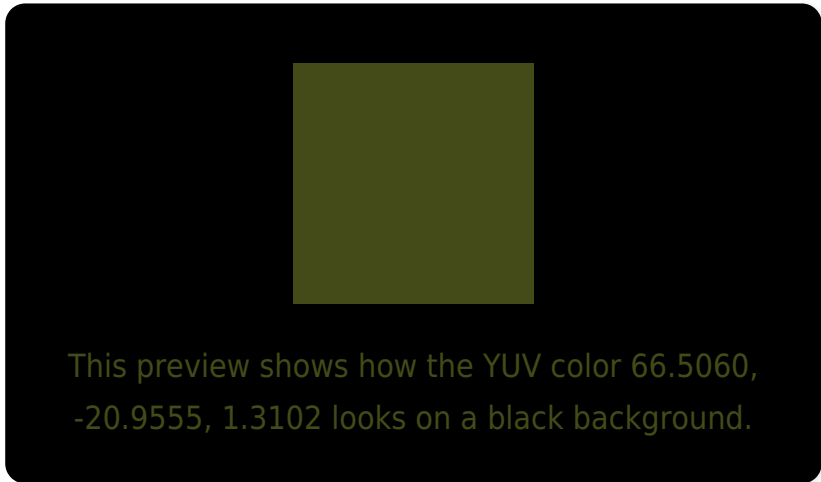
Large Text (above 18pt) WCAG AA ✓ Pass

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

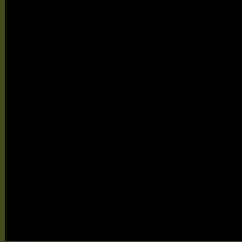
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5060, -20.9555, 1.3102

Background



This preview shows how black text looks on a background with the YUV color 66.5060, -20.9555, 1.3102.



This preview shows how white text looks on a background with the YUV color 66.5060, -20.9555,

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

66.5060, -20.9555, 1.3102

Protanopia

67.9200, -22.1456, 9.7172

Deuteranopia

68.6050, -21.0043, 17.0094



Tritanopia

70.8800, 2.0312, 1.8592

Trichromacy



Original Color

66.5060, -20.9555, 1.3102

Protanomaly

67.3110, -21.8453, 6.7433

Deuteranomaly

68.1590, -21.2774, 11.2616

Tritanomaly

69.2900, -6.5520, 1.4997

Monochromacy



Original Color

66.5060, -20.9555, 1.3102

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5060, -20.9555, 1.3102 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(68, 74, 24)` looks like.

```
.text, #text, p{  
    color:rgb(68, 74, 24)  
}
```

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(68, 74, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 74, 24) }
```

Border

The CSS property to change the border of an element to YUV 66.5060, -20.9555, 1.3102 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(68, 74, 24) }
```


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

```
.border{ border-color:rgb(68, 74, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 74, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 74, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 74, 24);  
box-shadow:4px 4px 4px 4px rgb(68, 74, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5060, -20.9555, 1.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 74, 24) }
```

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

```
.background{ background-color: rgb(68, 74,  
24) }
```

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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