

Converting Colors

YUV(66.9070, -22.6322,
-20.9664)

Have a look what the booklet for
YUV(66.9070, -22.6322, -20.9664)
contains.

YUV(66.9070, -22.6322, -20.9664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.9070, -22.6322,
-20.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	2B5815
RGB	43, 88, 21
RGB Percent	17%, 35%, 8%
CMY	0.8314, 0.6549, 0.9176
CMYK	0.51, 0.00, 0.76, 0.65
HSL	100°, 61%, 21%
HSV	100°, 76%, 35%
XYZ	4.6213, 7.5472, 1.9226
YIQ	66.9070, -5.3130, -30.3770

Conversions

Conversions Part 2

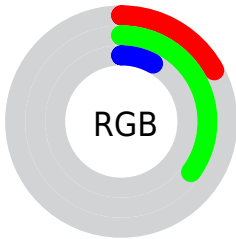
Format	Color
R_{YB}	21, 88, 66
Decimal	2840597
CIE _{Lab}	33.02, -28.81, 32.44
CIE _{LCh}	33, 43.383, 131.605
Yxy	7.5472, 0.3280, 0.5356
Android (android.graphics.Color)	4281030677 (0xFF2B5815)
YUV	66.9070, -22.6322, -20.9664
Hunter-Lab	27.4721, -18.0491, 15.0811

Details

The YUV color **66.9070, -22.6322, -20.9664** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **42.0930, 22.6322, 20.9664**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5650, -23.9425, -20.6665**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **64.0870, -25.6789, -23.7553**, and if you desaturate by 10%, it is **69.7270, -19.5854, -18.1776**.

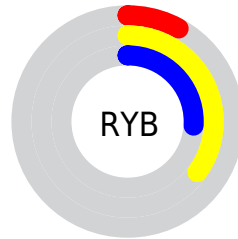
Distribution



Red (17%)

Green (35%)

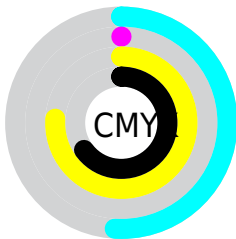
Blue (8%)



Red (8%)

Yellow (35%)

Blue (26%)

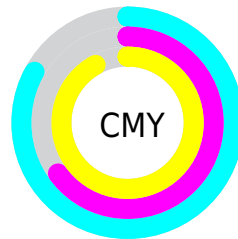


Cyan (51%)

Magenta (0%)

Yellow (76%)

Black (65%)



Cyan (83%)

Magenta (65%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9070, -22.6322, -20.9664 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 66.9070, -22.6322, -20.9664 by changing the saturation by 10% instead.

■ 66.9070, -22.6322,
-20.9664

■ 66.9070, -22.6322,
-20.9664

255.0000, 0.0000,
0.0000

■ 42.6510, -21.0269,
-22.4959

■ 116.5650,
-23.9425, -20.6665

■ 24.6540, -12.1544,
-21.6216

■ 143.0380,
-24.6687, -21.0813

■ 10.5660, -5.2090,
-9.2664

■ 169.8100,
-25.5423, -20.8814


■ 0.0000, 0.0000,
0.0000


■ 197.2830,
-26.2685, -21.2962


■ 225.7560,
-26.9947, -21.7110


■ 240.8420,


-20.6281, -10.3854


 251.8080,
-12.2303, 2.7994

 66.9070, -22.6322,
-20.9664


 66.9070, -22.6322,
-20.9664


 64.0870, -25.6789,
-23.7553


 69.7270, -19.5854,
-18.1776


 61.2670, -28.7256,
-26.5442

 72.5470, -16.5387,
-15.3887

 60.3270, -29.7412,
-27.4738

 75.2530, -13.9287,
-12.4999

 78.0730, -10.8820,
-9.7110

 80.8930, -7.8352,
-6.9222

■ 83.4140, -4.6411,
-4.7481

■ 86.2340, -1.5944,
-1.9592

■ 88.9400, 1.0156,
0.9296

■ 91.7600, 4.0623,
3.7185

Harmonies

Analogous

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



71.4780, -35.2387, 9.2278



66.9070, -22.6322, -20.9664



60.2740, -2.6001, -52.8603

Triad

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



66.9070, -22.6322, -20.9664



67.3710, 37.2851, -59.0844



73.7390, -3.8153, 57.2339

Complementary

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



66.9070, -22.6322, -20.9664



42.0930, 22.6322, 20.9664

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.



77.2610, 11.2103, 44.4981



66.9070, -22.6322, -20.9664



68.0080, 37.9571, -41.2260

Square

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



66.9070, -22.6322, -20.9664



68.0260, 27.1022, -59.6588



79.8040, 24.2536, 14.2039



74.4550, -19.9443, 50.4670

Rectangle

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



66.9070, -22.6322, -20.9664



63.5970, 7.5937, -55.7746



79.8040, 24.2536, 14.2039



74.3950, 1.2843, 54.9046

Sweetspot

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



66.9070, -22.6322, -20.9664



106.5400, -9.1402, -8.3666



67.4480, -22.8989, 18.0241



53.7730, -5.8041, -5.0629



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.



66.9070, -22.6322, -20.9664



82.1000, -35.5453, -32.5367



61.5830, -14.5844, -35.5913



41.6470, -1.3050, -1.4444



73.2740, -36.1241, -33.5663



160.9680, -79.3572, -73.6399

Inverse Universe

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



42.0930, 22.6322, 20.9664



42.9000, 35.5453, 32.5367



47.4170, 14.5844, 35.5913



40.3530, 1.3050, 1.4444



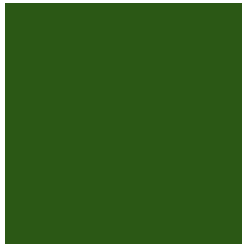
33.7260, 36.1241, 33.5663



74.0320, 79.3572, 73.6399

Previews

White Background



This preview shows how the YUV color 66.9070, -22.6322, -20.9664 looks on a white background.

Color Contrast Check

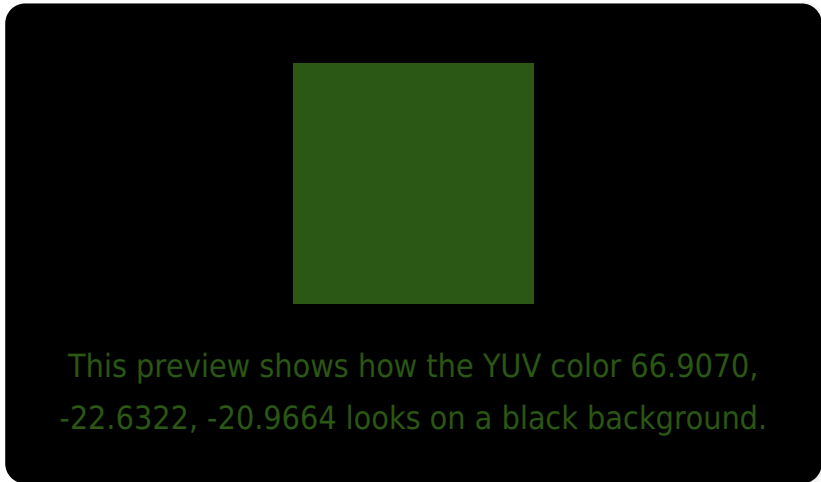
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.9070, -22.6322, -20.9664

Background



This preview shows how black text looks on a background with the YUV color 66.9070, -22.6322, -20.9664.



This preview shows how white text looks on a background with the YUV color 66.9070, -22.6322, -20.9664.

-20.9664.

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

66.9070, -22.6322, -20.9664

Protanopia

73.8510, -27.5345, 11.5317

Deuteranopia

75.5190, -23.9199, 18.8388



Tritanopia

74.7250, 7.0376, -17.2988

Trichromacy



Original Color

66.9070, -22.6322, -20.9664

Protanomaly

71.5290, -25.8968, -0.4639

Deuteranomaly

72.2460, -23.2923, 4.1693

Tritanomaly

71.8530, -3.8715, -18.2881

Monochromacy



Original Color

66.9070, -22.6322, -20.9664

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0670, -8.4140, -7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9070, -22.6322, -20.9664 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(43, 88, 21)` looks like.

```
.text, #text, p{  
    color:rgb(43, 88, 21)  
}
```

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(43, 88, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 88, 21) }
```

Border

The CSS property to change the border of an element to YUV 66.9070, -22.6322, -20.9664 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(43, 88, 21) }
```


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

```
.border{ border-color:rgb(43, 88, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 88, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 88, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 88, 21);  
box-shadow:4px 4px 4px 4px rgb(43, 88, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9070, -22.6322, -20.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 88, 21) }
```

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

```
.background{ background-color: rgb(43, 88,  
21) }
```

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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