

Converting Colors

YUV(69.9390, -21.1689,
-23.6255)

Have a look what the booklet for
YUV(69.9390, -21.1689, -23.6255)
contains.

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Color

**YUV(69.9390, -21.1689,
-23.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	2B5C1B
RGB	43, 92, 27
RGB Percent	17%, 36%, 11%
CMY	0.8314, 0.6392, 0.8941
CMYK	0.53, 0.00, 0.71, 0.64
HSL	105°, 55%, 23%
HSV	105°, 71%, 36%
XYZ	5.0212, 8.2470, 2.3641
YIQ	69.9390, -8.3390, -30.6030

Conversions

Conversions Part 2

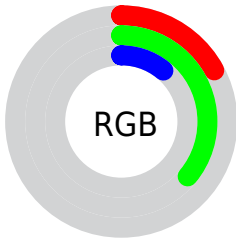
Format	Color
R_{YB}	27, 92, 76
Decimal	2841627
CIE Lab	34.49, -30.03, 31.26
CIE LCh	34, 43.345, 133.847
Yxy	8.2470, 0.3212, 0.5276
Android (android.graphics.Color)	4281031707 (0xFF2B5C1B)
YUV	69.9390, -21.1689, -23.6255
Hunter-Lab	28.7176, -19.0453, 15.2215

Details

The YUV color **69.9390, -21.1689, -23.6255** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.0610, 21.1689, 23.6255**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4830, -22.9161, -23.2256**, and **26.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **66.8200, -24.0683, -27.0291**, and if you desaturate by 10%, it is **73.0580, -18.2696, -20.2219**.

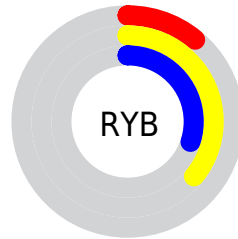
Distribution



Red (17%)

Green (36%)

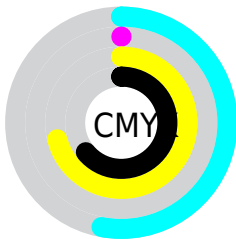
Blue (11%)



Red (11%)

Yellow (36%)

Blue (30%)

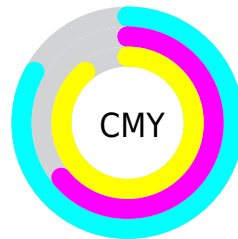


Cyan (53%)

Magenta (0%)

Yellow (71%)

Black (64%)



Cyan (83%)

Magenta (64%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9390, -21.1689, -23.6255 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 69.9390, -21.1689, -23.6255 by changing the saturation by 10% instead.

■ 69.9390, -21.1689,
-23.6255

■ 69.9390, -21.1689,
-23.6255

255.0000, 0.0000,
0.0000

■ 44.9280, -21.1635,
-25.3699

■ 120.4830,
-22.9161, -23.2256

■ 26.4150, -13.0226,
-23.1660

■ 146.3690,
-23.3529, -23.1256

■ 14.0880, -6.9454,
-12.3552

■ 173.4290,
-24.3685, -24.0552

■ 0.0000, 0.0000,
0.0000

■ 200.9020,
-25.0947, -24.4701

■ 229.3750,
-25.8209, -24.8849

■ 241.8250,

-18.1547, -10.3705

■ 252.6060, -9.1728,
2.0995

■ 69.9390, -21.1689,
-23.6255

■ 69.9390, -21.1689,
-23.6255

■ 66.8200, -24.0683,
-27.0291

■ 73.0580, -18.2696,
-20.2219

■ 63.7010, -26.9676,
-30.4328

■ 76.1770, -15.3703,
-16.8182

■ 60.8810, -30.0143,
-33.2216

■ 79.4100, -12.0341,
-13.5146

■ 82.5290, -9.1348,
-10.1109

■ 85.6480, -6.2355,
-6.7073

■ 88.7670, -3.3361,
-3.3037

■ 91.8860, -0.4368,
0.1000

■ 94.8200, 3.0467,
2.7889

■ 97.9390, 5.9461,
6.1925

Harmonies

Analogous

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



74.1250, -36.5436, 7.7834



69.9390, -21.1689, -23.6255



63.3060, -1.1369, -55.5194

Triad

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



69.9390, -21.1689, -23.6255



69.5880, 38.1641, -61.0287



77.9840, -5.4151, 57.0190

Complementary

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



69.9390, -21.1689, -23.6255



49.0610, 21.1689, 23.6255

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.



80.9300, 9.8945, 46.5424



69.9390, -21.1689, -23.6255



75.1940, 35.8934, -32.6191

Square

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



69.9390, -21.1689, -23.6255



70.9440, 28.1286, -62.2179



83.8860, 23.2272, 16.7630



78.2870, -21.8335, 49.7373

Rectangle

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



69.9390, -21.1689, -23.6255



66.6290, 9.0569, -58.4336



83.8860, 23.2272, 16.7630



78.3520, -0.1735, 55.8193

Sweetspot

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



69.9390, -21.1689, -23.6255



111.4690, -8.1192, -9.1813



75.1980, -23.7616, 14.7354



56.0010, -4.9305, -5.2629



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



69.9390, -21.1689, -23.6255



85.3490, -33.2031, -37.1401



66.9790, -11.8216, -35.0616



44.2340, -1.5944, -1.9592



72.6430, -35.8130, -40.0289



156.4610, -77.1353, -86.3503

Inverse Universe

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



49.0610, 21.1689, 23.6255



52.6510, 33.2031, 37.1401



52.0210, 11.8216, 35.0616



42.7660, 1.5944, 1.9592



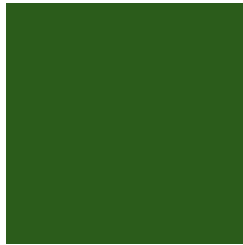
37.3570, 35.8130, 40.0289



80.5390, 77.1353, 86.3503

Previews

White Background



This preview shows how the YUV color 69.9390, -21.1689, -23.6255 looks on a white background.

Color Contrast Check

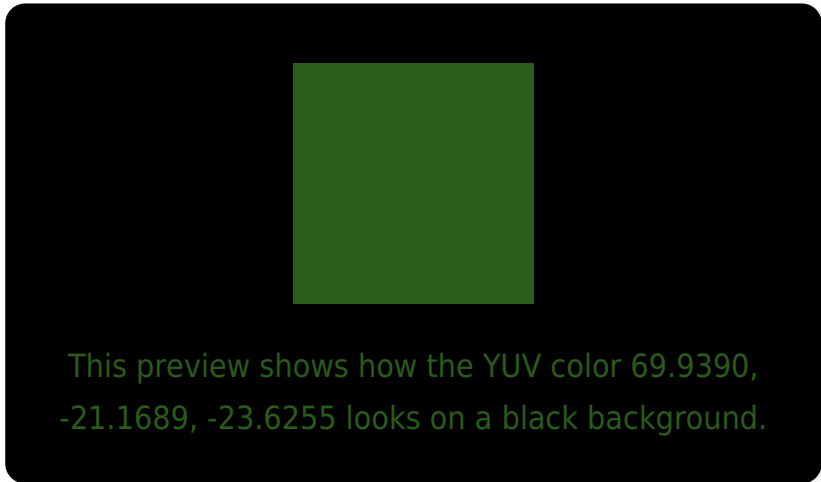
Large Text (above 18pt) WCAG AA ✓ Pass

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

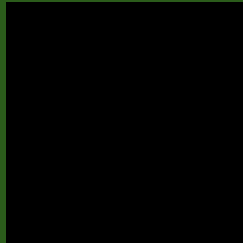
Any Text WCAG AA × Fail

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 69.9390, -21.1689, -23.6255 Background



This preview shows how black text looks on a background with the YUV color 69.9390, -21.1689, -23.6255.



This preview shows how white text looks on a background with the YUV color 69.9390, -21.1689, -23.6255.

-23.6255.

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

69.9390, -21.1689, -23.6255

Protanopia

77.4920, -26.3716, 11.8465

Deuteranopia

79.0460, -23.1937, 19.2537



Tritanopia

77.5290, 7.6272, -19.7579

Trichromacy



Original Color

69.9390, -21.1689, -23.6255

Protanomaly

74.8710, -24.5864, -0.7639

Deuteranomaly

75.4740, -22.4187, 3.9693

Tritanomaly

74.7710, -2.8451, -20.8472

Monochromacy



Original Color

69.9390, -21.1689, -23.6255

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8820, -7.8298, -8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9390, -21.1689, -23.6255 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, 92, 27)` looks like.

```
.text, #text, p{  
    color:rgb(43, 92, 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(43, 92, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 92, 27) }
```

Border

The CSS property to change the border of an element to YUV 69.9390, -21.1689, -23.6255 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, 92, 27) }
```


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

```
.border{ border-color:rgb(43, 92, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 92, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 92, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 92, 27);  
box-shadow:4px 4px 4px 4px rgb(43, 92, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9390, -21.1689, -23.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 92, 27) }
```

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

```
.background{ background-color: rgb(43, 92,  
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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