

Converting Colors

YUV(76.6420, -27.4315,
-21.6110)

Have a look what the booklet for
YUV(76.6420, -27.4315, -21.6110)
contains.

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Color

**YUV(76.6420, -27.4315,
-21.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	346415
RGB	52, 100, 21
RGB Percent	20%, 39%, 8%
CMY	0.7961, 0.6078, 0.9176
CMYK	0.48, 0.00, 0.79, 0.61
HSL	96°, 65%, 24%
HSV	96°, 79%, 39%
XYZ	6.1087, 9.8986, 2.2981
YIQ	76.6420, -3.2490, -34.7450

Conversions

Conversions Part 2

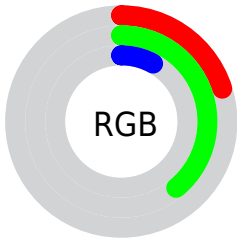
Format	Color
R_{YB}	21, 100, 69
Decimal	3433493
CIE _{Lab}	37.66, -31.01, 37.25
CIE _{LCh}	38, 48.465, 129.781
Yxy	9.8986, 0.3337, 0.5407
Android (android.graphics.Color)	4281623573 (0xFF346415)
YUV	76.6420, -27.4315, -21.6110
Hunter-Lab	31.4620, -20.4006, 17.6926

Details

The YUV color **76.6420, -27.4315, -21.6110** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **44.3580, 27.4315, 21.6110**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4140, -28.3051, -21.4111**, and **30.5240, -15.0483, -26.7695** is the 20% darker color. If you saturate the color by 10%, you get **73.7080, -30.9150, -24.2999**, and if you desaturate by 10%, it is **79.5760, -23.9480, -18.9222**.

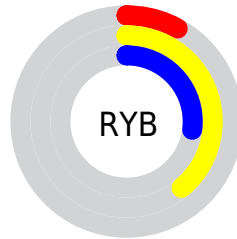
Distribution



 Red (20%)

 Green (39%)

 Blue (8%)




 Red (8%)

 Yellow (39%)

 Blue (27%)

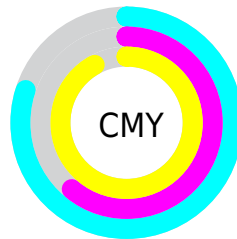



 Cyan (48%)

 Magenta (0%)

 Yellow (79%)

 Black (61%)



 Cyan (80%)

 Magenta (61%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6420, -27.4315, -21.6110 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 76.6420, -27.4315, -21.6110 by changing the saturation by 10% instead.

■ 76.6420, -27.4315,
-21.6110

■ 76.6420, -27.4315,
-21.6110

255.0000, 0.0000,
0.0000

■ 52.3860, -25.8263,
-23.1405

■ 127.4140,
-28.3051, -21.4111

■ 30.5240, -15.0483,
-26.7695

■ 154.1860,
-29.1787, -21.2111

■ 19.3710, -9.5499,
-16.9884

■ 181.6590,
-29.9049, -21.6259

■ 0.0000, 0.0000,
0.0000

■ 209.1320,
-30.6311, -22.0408

■ 233.2080,
-29.1895, -17.7224

■ 245.0710,

-21.2340, -2.6933

■ 252.1500,
-10.9200, 2.4994

■ 76.6420, -27.4315,
-21.6110

■ 76.6420, -27.4315,
-21.6110

■ 73.7080, -30.9150,
-24.2999

■ 79.5760, -23.9480,
-18.9222

■ 70.7740, -34.3986,
-26.9888

■ 82.5100, -20.4644,
-16.2333

■ 70.3610, -34.6880,
-27.5036

■ 85.4440, -16.9809,
-13.5444

■ 88.3780, -13.4974,
-10.8555

■ 91.3120, -10.0138,
-8.1666

■ 94.2460, -6.5303,
-5.4777

■ 97.4790, -3.1941,
-2.1741

■ 100.4130, 0.2894,
0.5148

■ 103.3470, 3.7729,
3.2037

Harmonies

Analogous

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



81.8220, -40.3382, 11.5571



76.6420, -27.4315, -21.6110



68.4750, -4.1782, -60.0526

Triad

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



76.6420, -27.4315, -21.6110



77.1680, 41.8222, -67.6763



83.6090, -3.2582, 65.2409

Complementary

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



76.6420, -27.4315, -21.6110



44.3580, 27.4315, 21.6110

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.



88.3910, 14.1042, 49.6461



76.6420, -27.4315, -21.6110



71.1670, 46.7527, -62.4135

Square

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



76.6420, -27.4315, -21.6110



77.3670, 29.8921, -67.8509



90.9440, 28.6216, 13.2041



84.3420, -21.8606, 58.4591

Rectangle

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



76.6420, -27.4315, -21.6110



72.1400, 7.3260, -63.2668



90.9440, 28.6216, 13.2041



84.6070, 3.1517, 62.6117

Sweetspot

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



76.6420, -27.4315, -21.6110



120.7850, -10.7400, -8.5814



72.2100, -25.2465, 24.3718



60.5450, -6.6777, -4.8630



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



76.6420, -27.4315, -21.6110



93.5530, -42.6706, -33.8110



68.2850, -19.3675, -41.4689



49.5330, -1.7418, -1.3444



80.9600, -39.9133, -31.5369



170.4590, -84.0363, -66.1775

Inverse Universe

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



44.3580, 27.4315, 21.6110



43.4470, 42.6706, 33.8110



52.7150, 19.3675, 41.4689



47.4670, 1.7418, 1.3444



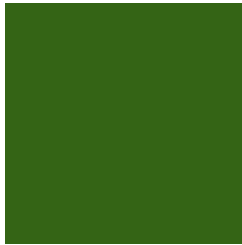
34.0400, 39.9133, 31.5369



71.5410, 84.0363, 66.1775

Previews

White Background



This preview shows how the YUV color 76.6420, -27.4315, -21.6110 looks on a white background.

Color Contrast Check

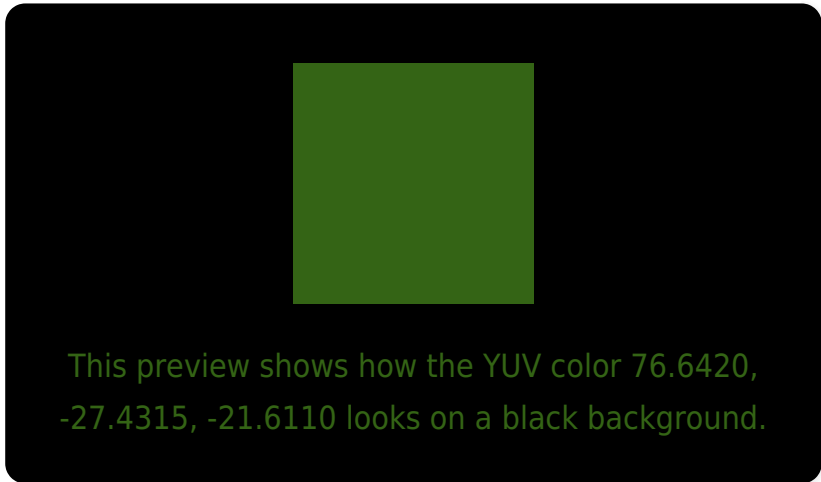
Large Text (above 18pt) WCAG AA ✓ Pass

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

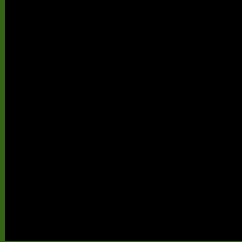
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6420, -27.4315, -21.6110

Background



This preview shows how black text looks on a background with the YUV color 76.6420, -27.4315, -21.6110.



This preview shows how white text looks on a background with the YUV color 76.6420, -27.4315,

-21.6110.

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

76.6420, -27.4315, -21.6110

Protanopia

83.8960, -32.4867, 13.2462

Deuteranopia

85.8030, -28.0039, 22.0978



Tritanopia

85.5400, 7.6218, -18.0136

Trichromacy



Original Color

76.6420, -27.4315, -21.6110

Protanomaly

81.2750, -30.7016, 0.6358

Deuteranomaly

82.7040, -27.9551, 6.3986

Tritanomaly

82.5000, -5.1765, -19.7325

Monochromacy



Original Color

76.6420, -27.4315, -21.6110

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7250, -9.7244, -7.6518

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6420, -27.4315, -21.6110 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(52, 100, 21)` looks like.

```
.text, #text, p{  
    color:rgb(52, 100, 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(52, 100, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 100, 21) }
```

Border

The CSS property to change the border of an element to YUV 76.6420, -27.4315, -21.6110 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(52, 100, 21) }
```


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

```
.border{ border-color:rgb(52, 100, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 100, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 100, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 100, 21);  
box-shadow:4px 4px 4px 4px rgb(52, 100,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 76.6420, -27.4315, -21.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 100, 21) }
```

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

```
.background{ background-color: rgb(52, 100,  
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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