

Converting Colors

YUV(76.3440, -21.8616,
11.9763)

Have a look what the booklet for
YUV(76.3440, -21.8616, 11.9763)
contains.

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Color

**YUV(76.3440, -21.8616,
11.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4E20
RGB	90, 78, 32
RGB Percent	35%, 31%, 13%
CMY	0.6471, 0.6941, 0.8745
CMYK	0.00, 0.13, 0.64, 0.65
HSL	48°, 48%, 24%
HSV	48°, 64%, 35%
XYZ	7.2015, 7.7267, 2.4783
YIQ	76.3440, 21.9180, -11.7620

Conversions

Conversions Part 2

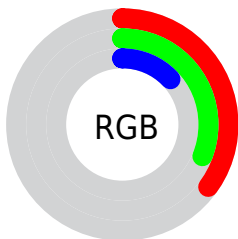
Format	Color
R_{YB}	47, 90, 32
Decimal	5918240
CIE Lab	33.41, -1.39, 28.50
CIE LCh	33, 28.538, 92.784
Yxy	7.7267, 0.4137, 0.4439
Android (android.graphics.Color)	4284108320 (0xFF5A4E20)
YUV	76.3440, -21.8616, 11.9763
Hunter-Lab	27.7970, -2.3995, 14.1717

Details

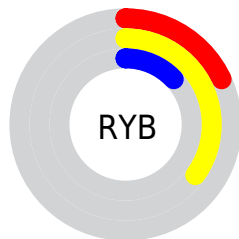
The YUV color **76.3440, -21.8616, 11.9763** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45.6560, 21.8616, -11.9763**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8990, -23.6142, 14.1206**, and **32.5160, -16.0304, 8.3175** is the 20% darker color. If you saturate the color by 10%, you get **74.1440, -25.2140, 13.9057**, and if you desaturate by 10%, it is **78.5440, -18.5092, 10.0469**.

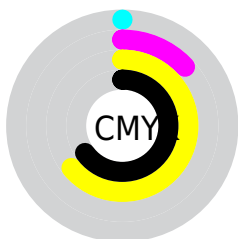
Distribution



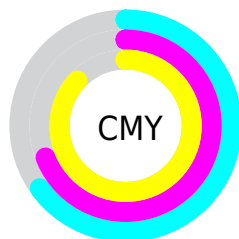
- Red (35%)
- Green (31%)
- Blue (13%)



- Red (18%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (13%)
- Yellow (64%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3440, -21.8616, 11.9763 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 76.3440, -21.8616, 11.9763 by changing the saturation by 10% instead.

■ 76.3440, -21.8616,
11.9763

■ 76.3440, -21.8616,
11.9763

255.0000, 0.0000,
0.0000

■ 52.7460, -21.5668,
10.7468

■ 125.8990,
-23.6142, 14.1206

■ 32.5160, -16.0304,
8.3175

■ 152.0840,
-24.1984, 14.8353

■ 12.1160, -5.9732,
2.5293

■ 178.5680,
-24.9300, 16.1649

■ 0.0000, 0.0000,
0.0000

■ 206.3400,
-25.8036, 16.3648

■ 234.5250,
-26.3878, 17.0796

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

76.3440, -21.8616,
11.9763

76.3440, -21.8616,
11.9763

74.1440, -25.2140,
13.9057

78.5440, -18.5092,
10.0469

71.9440, -28.5664,
15.8351

80.7440, -15.1568,
8.1175

69.7440, -31.9188,
17.7645

82.9440, -11.8044,
6.1881

68.5870, -33.8134,
18.7792

84.5570, -8.1626,
4.7735

86.7570, -4.8102,
2.8441

■ 88.9570, -1.4578,
0.9147

■ 91.1570, 1.8946,
-1.0147

■ 93.3570, 5.2470,
-2.9441

■ 95.5570, 8.5994,
-4.8735

Harmonies

Analogous

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



77.8280, -19.1422, 26.4608



76.3440, -21.8616, 11.9763



73.7870, -17.1500, -5.9522

Triad

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



76.3440, -21.8616, 11.9763



63.8710, 18.7976, -56.0149



81.2600, 9.2388, 23.4510

Complementary

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



76.3440, -21.8616, 11.9763



45.6560, 21.8616, -11.9763

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.



80.4190, 18.0344, 2.2635



76.3440, -21.8616, 11.9763



63.9340, 26.6545, -56.0701

Square

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



76.3440, -21.8616, 11.9763



61.9500, 8.8986, -54.3302



73.9530, 24.6732, -27.1458



79.8780, -1.4189, 35.1870

Rectangle

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



76.3440, -21.8616, 11.9763



71.1210, -10.4127, -20.2771



73.9530, 24.6732, -27.1458



81.0250, 12.3127, 17.5181

Sweetspot

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



76.3440, -21.8616, 11.9763



112.1440, -8.4520, 4.2587



50.8240, -2.8712, 34.3574



55.6430, -5.2470, 2.9441



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.



76.3440, -21.8616, 11.9763



96.1740, -34.1028, 18.2644



78.6040, -22.9758, -4.0377



44.8430, -1.8946, 1.0147



83.9590, -41.3918, 22.8380



181.2190, -89.3410, 48.9199

Inverse Universe

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



45.6560, 21.8616, -11.9763



48.4130, 33.8134, -18.7792



43.3960, 22.9758, 4.0377



42.1570, 1.8946, -1.0147



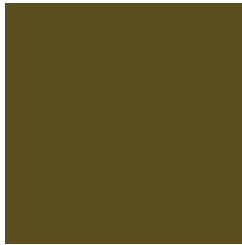
26.0410, 41.3918, -22.8380



55.7810, 89.3410, -48.9199

Previews

White Background



This preview shows how the YUV color 76.3440, -21.8616, 11.9763 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



This preview shows how the YUV color 76.3440, -21.8616, 11.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

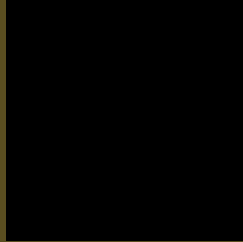
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3440, -21.8616, 11.9763

Background



This preview shows how black text looks on a background with the YUV color 76.3440, -21.8616, 11.9763.



This preview shows how white text looks on a background with the YUV color 76.3440, -21.8616,

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

76.3440, -21.8616, 11.9763

Protanopia

76.3330, -21.8562, 10.2320

Deuteranopia

77.0890, -21.7359, 18.3389



Tritanopia

79.9630, -0.4748, 12.3104

Trichromacy



Original Color

76.3440, -21.8616, 11.9763

Protanomaly

76.6320, -22.0036, 10.8467

Deuteranomaly

76.7790, -21.5830, 15.9798

Tritanomaly

78.9000, -8.3317, 12.3657

Monochromacy



Original Color

76.3440, -21.8616, 11.9763

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2580, -8.0152, 4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3440, -21.8616, 11.9763 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(90, 78, 32)` looks like.

```
.text, #text, p{  
    color:rgb(90, 78, 32)  
}
```

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(90, 78, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 78, 32) }
```

Border

The CSS property to change the border of an element to YUV 76.3440, -21.8616, 11.9763 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(90, 78, 32) }
```


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

```
.border{ border-color:rgb(90, 78, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 78, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 78, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 78, 32);  
box-shadow:4px 4px 4px 4px rgb(90, 78, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3440, -21.8616, 11.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 78, 32) }
```

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

```
.background{ background-color: rgb(90, 78,  
32) }
```

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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