

Converting Colors

YUV(76.7740, -20.5946,
25.6312)

Have a look what the booklet for
YUV(76.7740, -20.5946, 25.6312)
contains.

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Color

**YUV(76.7740, -20.5946,
25.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4623
RGB	106, 70, 35
RGB Percent	42%, 27%, 14%
CMY	0.5843, 0.7255, 0.8627
CMYK	0.00, 0.34, 0.67, 0.58
HSL	30°, 50%, 28%
HSV	30°, 67%, 42%
XYZ	8.4374, 7.5658, 2.6058
YIQ	76.7740, 32.6910, -3.2530

Conversions

Conversions Part 2

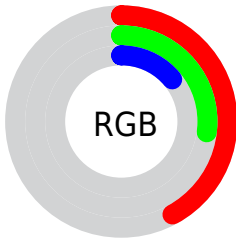
Format	Color
R_{YB}	106, 104, 35
Decimal	6964771
CIE _{Lab}	33.06, 11.57, 26.95
CIE _{LCh}	33, 29.333, 66.765
Yxy	7.5658, 0.4534, 0.4066
Android (android.graphics.Color)	4285154851 (0xFF6A4623)
YUV	76.7740, -20.5946, 25.6312
Hunter-Lab	27.5061, 6.6186, 13.6375

Details

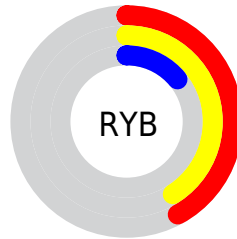
The YUV color **76.7740, -20.5946, 25.6312** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **64.2260, 20.5946, -25.6312**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3400, -22.3526, 29.5198**, and **32.0060, -15.7790, 21.0427** is the 20% darker color. If you saturate the color by 10%, you get **72.5850, -23.9524, 29.3050**, and if you desaturate by 10%, it is **80.9630, -17.2368, 21.9574**.

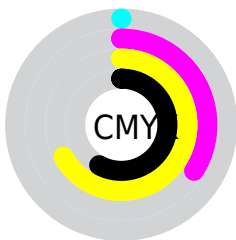
Distribution



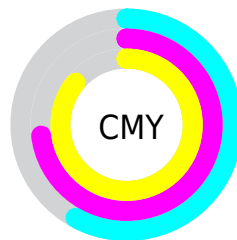
- Red (42%)
- Green (27%)
- Blue (14%)



- Red (42%)
- Yellow (41%)
- Blue (14%)



- Cyan (0%)
- Magenta (34%)
- Yellow (67%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7740, -20.5946, 25.6312 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 76.7740, -20.5946, 25.6312 by changing the saturation by 10% instead.

■ 76.7740, -20.5946,
25.6312

■ 76.7740, -20.5946,
25.6312

■ 255.0000, 0.0000,
0.0000

■ 53.5780, -20.0050,
23.1721

■ 126.3400,
-22.3526, 29.5198

■ 32.0060, -15.7790,
21.0427

■ 152.7100,
-23.5210, 30.9493

■ 10.7420, -5.2958,
18.6433

■ 180.1940,
-24.2526, 32.2789

■ 0.0000, 0.0000,
0.0000

■ 207.6780,
-24.9843, 33.6084

■ 229.8830,
-22.6203, 22.0276

■ 250.0980,

-18.7823, 4.2991

253.2900, -6.5520,
1.4997

76.7740, -20.5946,
25.6312

76.7740, -20.5946,
25.6312

72.5850, -23.9524,
29.3050

80.9630, -17.2368,
21.9574

67.9230, -26.5840,
33.3935

85.6250, -14.6051,
17.8689

63.7340, -29.9419,
37.0673

89.8140, -11.2473,
14.1951

62.2180, -30.6735,
38.3968

93.8890, -8.3263,
10.6213

98.6650, -5.2578,
6.4328

■ 102.8540, -1.9000,
2.7590

■ 107.5160, 0.7316,
-1.3295

■ 111.7050, 4.0894,
-5.0033

■ 115.7800, 7.0105,
-8.5771

Harmonies

Analogous

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



77.7890, -13.2070, 36.1420



76.7740, -20.5946, 25.6312



74.9200, -22.1456, 9.7172

Triad

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



76.7740, -20.5946, 25.6312



62.1780, 9.7722, -54.5301



79.9140, 17.2974, 5.3374

Complementary

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



76.7740, -20.5946, 25.6312



64.2260, 20.5946, -25.6312

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.



73.9750, 24.6623, -23.6571



76.7740, -20.5946, 25.6312



64.2130, 20.1080, -56.3148

Square

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



76.7740, -20.5946, 25.6312



67.0530, -3.9701, -33.3725



63.5750, 27.8175, -55.7553



79.6410, 8.0650, 26.6248

Rectangle

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



76.7740, -20.5946, 25.6312



73.9400, -19.1974, -2.5784



63.5750, 27.8175, -55.7553



78.8420, 19.7979, -3.3694

Sweetspot

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



76.7740, -20.5946, 25.6312



126.5900, -8.1789, 10.0066



60.4470, 5.6956, 39.9500



61.7790, -4.8210, 6.3328



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.7740, -20.5946, 25.6312



92.5880, -31.8419, 39.8263



97.3190, -30.7233, 7.6132



51.5550, -1.7526, 2.1443



69.0290, -34.0313, 42.0706



144.2820, -71.1310, 88.3297

Inverse Universe

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



64.2260, 20.5946, -25.6312



72.8250, 32.1313, -39.3115



43.6810, 30.7233, -7.6132



50.4450, 1.7526, -2.1443



47.9710, 34.0313, -42.0706



100.7180, 71.1310, -88.3297

Previews

White Background



This preview shows how the YUV color 76.7740, -20.5946, 25.6312 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 76.7740, -20.5946, 25.6312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

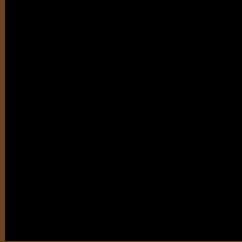
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7740, -20.5946, 25.6312

Background



This preview shows how black text looks on a background with the YUV color 76.7740, -20.5946, 25.6312.



This preview shows how white text looks on a background with the YUV color 76.7740, -20.5946,

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

76.7740, -20.5946, 25.6312

Protanopia

76.1310, -18.7986, 9.5321

Deuteranopia

76.3170, -20.8623, 18.1390



Tritanopia

79.1280, -4.0071, 25.3207

Trichromacy



Original Color

76.7740, -20.5946, 25.6312

Protanomaly

76.3490, -19.3991, 15.4799

Deuteranomaly

76.6270, -21.0151, 20.4981

Tritanomaly

77.9340, -9.8275, 25.4909

Monochromacy



Original Color

76.7740, -20.5946, 25.6312

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8180, -7.3053, 9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7740, -20.5946, 25.6312 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(106, 70, 35)` looks like.

```
.text, #text, p{  
    color:rgb(106, 70, 35)  
}
```

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(106, 70, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 70, 35) }
```

Border

The CSS property to change the border of an element to YUV 76.7740, -20.5946, 25.6312 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(106, 70, 35) }
```


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

```
.border{ border-color:rgb(106, 70, 35) }
```

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

Here you see how a box with a 4 pixel rgb(106, 70, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 70, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 70, 35);  
box-shadow:4px 4px 4px 4px rgb(106, 70,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 76.7740, -20.5946, 25.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 70, 35) }
```

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

```
.background{ background-color: rgb(106, 70,  
35) }
```

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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