

Converting Colors

YUV(76.9000, -21.6427,
35.1677)

Have a look what the booklet for
YUV(76.9000, -21.6427, 35.1677)
contains.

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Color

**YUV(76.9000, -21.6427,
35.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	754121
RGB	117, 65, 33
RGB Percent	46%, 25%, 13%
CMY	0.5412, 0.7451, 0.8706
CMYK	0.00, 0.44, 0.72, 0.54
HSL	23°, 56%, 29%
HSV	23°, 72%, 46%
XYZ	9.5009, 7.6723, 2.4190
YIQ	76.9000, 41.2640, 1.0720

Conversions

Conversions Part 2

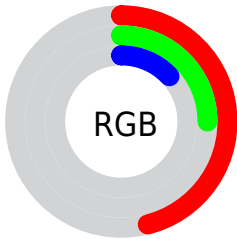
Format	Color
R _Y B	117, 85, 33
Decimal	7684385
CIE Lab	33.29, 19.59, 28.76
CIE LCh	33, 34.797, 55.742
Yxy	7.6723, 0.4849, 0.3916
Android (android.graphics.Color)	4285874465 (0xFF754121)
YUV	76.9000, -21.6427, 35.1677
Hunter-Lab	27.6989, 12.7536, 14.2114

Details

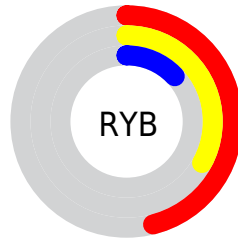
The YUV color **76.9000, -21.6427, 35.1677** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **73.1000, 21.6427, -35.1677**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0640, -23.6956, 40.2859**, and **31.4630, -15.5113, 28.5349** is the 20% darker color. If you saturate the color by 10%, you get **71.4230, -24.8585, 39.9710**, and if you desaturate by 10%, it is **82.3770, -18.4269, 30.3644**.

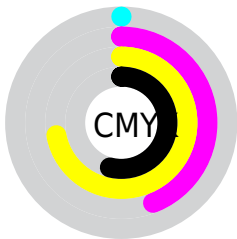
Distribution



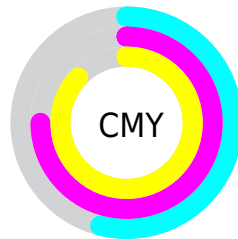
- Red (46%)
- Green (25%)
- Blue (13%)



- Red (46%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (72%)
- Black (54%)



- Cyan (54%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.9000, -21.6427, 35.1677 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 76.9000, -21.6427, 35.1677 by changing the saturation by 10% instead.

■ 76.9000, -21.6427,
35.1677

■ 76.9000, -21.6427,
35.1677

■ 255.0000, 0.0000,
0.0000

■ 52.8180, -20.6163,
32.6086

■ 127.0640,
-23.6956, 40.2859

■ 31.4630, -15.5113,
28.5349

■ 153.4340,
-24.8640, 41.7154

■ 11.9600, -5.8963,
24.5911

■ 181.1030,
-26.1798, 43.7597

■ 0.0000, 0.0000,
0.0000

■ 207.2060,
-25.7376, 41.9153

■ 226.7200,
-22.0470, 24.8016

■ 246.2340,

-18.3564, 7.6878

■ 253.0620, -7.4256,
1.6996

■ 76.9000, -21.6427,
35.1677

■ 76.9000, -21.6427,
35.1677

■ 71.4230, -24.8585,
39.9710

■ 82.3770, -18.4269,
30.3644

■ 66.0600, -27.6376,
44.6744

■ 87.7400, -15.6478,
25.6610

■ 61.3980, -30.2692,
48.7630

■ 93.8040, -12.7214,
20.3429

■ 99.2810, -9.5055,
15.5396

■ 104.7580, -6.2897,
10.7362

■ 110.1210, -3.5107,
6.0329

■ 116.1850, -0.5842,
0.7148

■ 121.6620, 2.6316,
-4.0886

■ 127.0250, 5.4107,
-8.7919

Harmonies

Analogous

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



77.5280, -10.6133, 44.2639



76.9000, -21.6427, 35.1677



75.8950, -27.5562, 18.5091

Triad

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



76.9000, -21.6427, 35.1677



61.7390, 5.5517, -54.1451



78.9710, 24.1713, -6.1136

Complementary

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



76.9000, -21.6427, 35.1677



73.1000, 21.6427, -35.1677

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.



63.8830, 34.0747, -56.0254



76.9000, -21.6427, 35.1677



64.9310, 17.7820, -56.9445

Square

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



76.9000, -21.6427, 35.1677



67.6530, -10.6749, -29.5137



66.2650, 27.9704, -58.1144



80.6390, 14.4750, 23.9956

Rectangle

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



76.9000, -21.6427, 35.1677



73.5620, -25.9131, 4.7691



66.2650, 27.9704, -58.1144



75.9910, 27.1194, -18.4091

Sweetspot

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



76.9000, -21.6427, 35.1677



136.7970, -8.7739, 14.2100



64.1580, 10.7681, 46.3424



67.0890, -4.9739, 8.6919



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



76.9000, -21.6427, 35.1677



90.4050, -34.2167, 54.8958



100.9670, -33.5077, 14.0609



55.9680, -1.4632, 2.6591



64.0670, -31.5850, 50.8072



130.5150, -64.3439, 104.7883

Inverse Universe

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



73.1000, 21.6427, -35.1677



84.1820, 33.9273, -55.4106



49.0330, 33.5077, -14.0609



55.4450, 1.7526, -2.1443



58.5200, 31.2956, -51.3220



119.4850, 64.3439, -104.7883

Previews

White Background



This preview shows how the YUV color 76.9000, -21.6427, 35.1677 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 76.9000, -21.6427, 35.1677 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 76.9000, -21.6427, 35.1677

Background



This preview shows how black text looks on a background with the YUV color 76.9000, -21.6427, 35.1677.



This preview shows how white text looks on a background with the YUV color 76.9000, -21.6427,

35.1677.

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

76.9000, -21.6427, 35.1677

Protanopia

76.6040, -19.5248, 9.1173

Deuteranopia

76.7470, -23.0463, 18.6389



Tritanopia

78.9120, -6.3656, 35.1572

Trichromacy



Original Color

76.9000, -21.6427, 35.1677

Protanomaly

76.8440, -20.1361, 18.5538

Deuteranomaly

76.6060, -22.4838, 24.9015

Tritanomaly

77.8320, -11.7492, 35.2273

Monochromacy



Original Color

76.9000, -21.6427, 35.1677

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3130, -8.0423, 12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9000, -21.6427, 35.1677 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(117, 65, 33)` looks like.

```
.text, #text, p{  
    color:rgb(117, 65, 33)  
}
```

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(117, 65, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 65, 33) }
```

Border

The CSS property to change the border of an element to YUV 76.9000, -21.6427, 35.1677 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(117, 65, 33) }
```


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

```
.border{ border-color:rgb(117, 65, 33) }
```

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

Here you see how a box with a 4 pixel rgb(117, 65, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 65, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 65, 33);  
box-shadow:4px 4px 4px 4px rgb(117, 65,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 76.9000, -21.6427, 35.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 65, 33) }
```

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

```
.background{ background-color: rgb(117, 65,  
33) }
```

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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