

Converting Colors

YUV(77.0780, -21.7305,
16.5946)

Have a look what the booklet for
YUV(77.0780, -21.7305, 16.5946)
contains.

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Color

**YUV(77.0780, -21.7305,
16.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	604C21
RGB	96, 76, 33
RGB Percent	38%, 30%, 13%
CMY	0.6235, 0.7020, 0.8706
CMYK	0.00, 0.21, 0.66, 0.62
HSL	41°, 49%, 25%
HSV	41°, 66%, 38%
XYZ	7.6828, 7.7655, 2.5328
YIQ	77.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

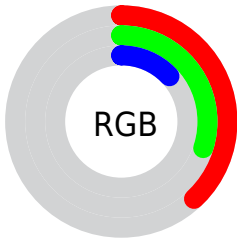
Format	Color
RYB	62, 96, 33
Decimal	6310945
CIELab	33.49, 2.87, 28.23
CIELCh	33, 28.380, 84.195
Yxy	7.7655, 0.4273, 0.4319
Android (android.graphics.Color)	4284501025 (0xFF604C21)
YUV	77.0780, -21.7305, 16.5946
Hunter-Lab	27.8666, 0.4459, 14.1178

Details

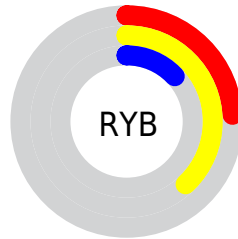
The YUV color **77.0780, -21.7305, 16.5946** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51.9220, 21.7305, -16.5946**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9320, -23.6305, 19.3536**, and **32.8370, -16.1886, 12.4210** is the 20% darker color. If you saturate the color by 10%, you get **74.1770, -25.2303, 19.1388**, and if you desaturate by 10%, it is **79.9790, -18.2306, 14.0504**.

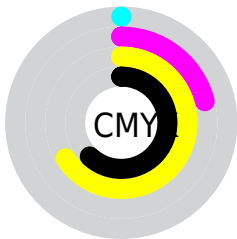
Distribution



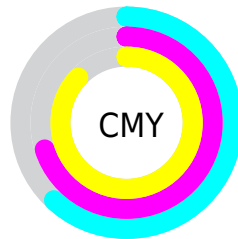
- Red (38%)
- Green (30%)
- Blue (13%)



- Red (24%)
- Yellow (38%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (66%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0780, -21.7305, 16.5946 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 77.0780, -21.7305, 16.5946 by changing the saturation by 10% instead.

■ 77.0780, -21.7305,
16.5946

■ 77.0780, -21.7305,
16.5946

255.0000, 0.0000,
0.0000

■ 53.5940, -20.9988,
15.2651

■ 126.9320,
-23.6305, 19.3536

■ 32.8370, -16.1886,
12.4210

■ 152.5300,
-23.9253, 20.5832

■ 12.4480, -6.1369,
8.3771

■ 179.6010,
-24.9463, 21.3979

■ 0.0000, 0.0000,
0.0000

■ 207.6720,
-25.9673, 22.2127

■ 233.7640,
-25.5197, 18.6240

■ 249.8700,

-19.6559, 4.4990

253.0620, -7.4256,
1.6996

77.0780, -21.7305,
16.5946

77.0780, -21.7305,
16.5946

74.1770, -25.2303,
19.1388

79.9790, -18.2306,
14.0504

71.3900, -28.2933,
21.5830

82.7660, -15.1676,
11.6062

68.4890, -31.7931,
24.1271

85.6670, -11.6678,
9.0620

67.4460, -33.2509,
25.0419

88.4540, -8.6048,
6.6178

91.3550, -5.1050,
4.0737

■ 94.2560, -1.6052,
1.5295

■ 97.0430, 1.4578,
-0.9147

■ 99.9440, 4.9576,
-3.4589

■ 102.7310, 8.0206,
-5.9031

Harmonies

Analogous

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



78.6050, -17.5533, 30.1644



77.0780, -21.7305, 16.5946



74.9510, -19.2028, -0.8340

Triad

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



77.0780, -21.7305, 16.5946



63.7740, 15.8874, -55.9298



81.2100, 11.7285, 18.2328

Complementary

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



77.0780, -21.7305, 16.5946



51.9220, 21.7305, -16.5946

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.



79.8310, 19.8033, -5.1138



77.0780, -21.7305, 16.5946



64.7660, 24.7654, -56.7998

Square

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



77.0780, -21.7305, 16.5946



61.1520, 5.8411, -53.6303



70.2290, 26.0161, -37.9118



80.0780, 1.9335, 33.2576

Rectangle

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



77.0780, -21.7305, 16.5946



72.6550, -13.6339, -13.7294



70.2290, 26.0161, -37.9118



81.2630, 14.6603, 11.1703

Sweetspot

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



77.0780, -21.7305, 16.5946



117.4540, -8.6048, 6.6178



54.2310, -0.1139, 36.6314



59.2410, -5.5418, 4.1736



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



77.0780, -21.7305, 16.5946



95.5170, -34.2719, 25.8566



85.8280, -26.0442, 0.1508



46.9570, -1.4578, 0.9147



78.6870, -38.7927, 29.2155



168.0280, -82.8378, 63.1194

Inverse Universe

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



51.9220, 21.7305, -16.5946



56.0700, 33.9825, -26.3714



43.1720, 26.0442, -0.1508



45.0430, 1.4578, -0.9147



33.9000, 38.5033, -29.7303



71.9720, 82.8378, -63.1194

Previews

White Background



This preview shows how the YUV color 77.0780, -21.7305, 16.5946 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 77.0780, -21.7305, 16.5946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

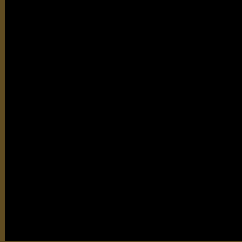
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0780, -21.7305, 16.5946

Background



This preview shows how black text looks on a background with the YUV color 77.0780, -21.7305, 16.5946.



This preview shows how white text looks on a background with the YUV color 77.0780, -21.7305,

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

77.0780, -21.7305, 16.5946

Protanopia

76.5610, -20.9826, 10.0320

Deuteranopia

77.0890, -21.7359, 18.3389



Tritanopia

80.0560, -1.5066, 16.6139

Trichromacy



Original Color

77.0780, -21.7305, 16.5946

Protanomaly

76.8710, -21.1354, 12.3911

Deuteranomaly

76.7900, -21.5885, 17.7242

Tritanomaly

79.1070, -8.9268, 16.5692

Monochromacy



Original Color

77.0780, -21.7305, 16.5946

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0780, -21.7305, 16.5946 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(96, 76, 33)` looks like.

```
.text, #text, p{  
    color:rgb(96, 76, 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(96, 76, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 76, 33) }
```

Border

The CSS property to change the border of an element to YUV 77.0780, -21.7305, 16.5946 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(96, 76, 33) }
```


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

```
.border{ border-color:rgb(96, 76, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 76, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 76, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 76, 33);  
box-shadow:4px 4px 4px 4px rgb(96, 76, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0780, -21.7305, 16.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 76, 33) }
```

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

```
.background{ background-color: rgb(96, 76,  
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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