

Converting Colors

YUV(77.0920, -19.7654, -7.0967)

Have a look what the booklet for
YUV(77.0920, -19.7654, -7.0967)
contains.

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Color

**YUV(77.0920, -19.7654,
-7.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	455925
RGB	69, 89, 37
RGB Percent	27%, 35%, 15%
CMY	0.7294, 0.6510, 0.8549
CMYK	0.22, 0.00, 0.58, 0.65
HSL	83°, 41%, 25%
HSV	83°, 58%, 35%
XYZ	6.3606, 8.5435, 3.0641
YIQ	77.0920, 4.7720, -20.4120

Conversions

Conversions Part 2

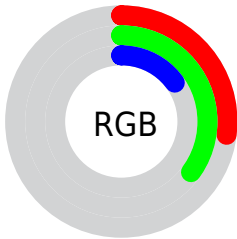
Format	Color
R_{YB}	37, 89, 57
Decimal	4544805
CIE _{Lab}	35.09, -17.22, 27.25
CIE _{LCh}	35, 32.237, 122.287
Yxy	8.5435, 0.3540, 0.4755
Android (android.graphics.Color)	4282734885 (0xFF455925)
YUV	77.0920, -19.7654, -7.0967
Hunter-Lab	29.2293, -12.3082, 14.2452

Details

The YUV color **77.0920, -19.7654, -7.0967** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.9080, 19.7654, 7.0967**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7500, -21.0757, -6.7967**, and **32.7160, -16.1290, -6.7669** is the 20% darker color. If you saturate the color by 10%, you get **75.1690, -23.2543, -8.0412**, and if you desaturate by 10%, it is **79.0150, -16.2764, -6.1522**.

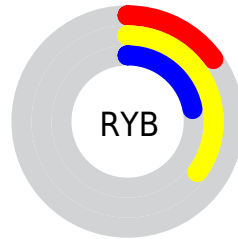
Distribution



Red (27%)

Green (35%)

Blue (15%)



Red (15%)

Yellow (35%)

Blue (22%)

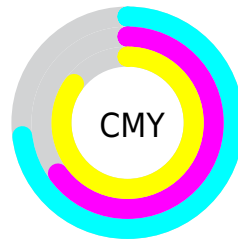


Cyan (22%)

Magenta (0%)

Yellow (58%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0920, -19.7654, -7.0967 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 77.0920, -19.7654, -7.0967 by changing the saturation by 10% instead.

■ 77.0920, -19.7654,
-7.0967

■ 77.0920, -19.7654,
-7.0967

255.0000, 0.0000,
0.0000

■ 54.0920, -19.7654,
-7.0967

■ 126.7500,
-21.0757, -6.7967

■ 32.7160, -16.1290,
-6.7669

■ 152.5220,
-21.9493, -6.5968

■ 14.6750, -7.2348,
-12.8700

■ 179.9950,
-22.6755, -7.0116

■ 0.0000, 0.0000,
0.0000

■ 207.4680,
-23.4017, -7.4264

■ 235.7670,
-23.5491, -6.8117

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

77.0920, -19.7654,
-7.0967

77.0920, -19.7654,
-7.0967

75.1690, -23.2543,
-8.0412

79.0150, -16.2764,
-6.1522

72.9470, -26.5959,
-9.6005

81.2370, -12.9348,
-4.5928

71.0240, -30.0848,
-10.5450

83.1600, -9.4459,
-3.6483

68.8020, -33.4264,
-12.1044

85.3820, -6.1043,
-2.0890

68.6880, -33.8632,
-12.0044

87.3050, -2.6154,
-1.1445

■ 89.4130, 0.2894,
0.5148

■ 91.3360, 3.7784,
1.4593

■ 93.2590, 7.2673,
2.4039

■ 95.4810, 10.6089,
3.9632

Harmonies

Analogous

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



79.8450, -25.0666, 13.2909



77.0920, -19.7654, -7.0967



71.3690, -6.5909, -32.7726

Triad

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



77.0920, -19.7654, -7.0967



68.0090, 29.5756, -59.6439



83.1390, -0.5615, 40.2201

Complementary

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



77.0920, -19.7654, -7.0967



48.9080, 19.7654, 7.0967

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.



85.0370, 10.8278, 27.1546



77.0920, -19.7654, -7.0967



76.2340, 28.4786, -34.4082

Square

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



77.0920, -19.7654, -7.0967



68.1910, 20.1188, -59.8035



84.4020, 20.5078, 2.2784



82.5230, -13.0758, 40.7603

Rectangle

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



77.0920, -19.7654, -7.0967



64.3150, 5.2677, -56.4043



84.4020, 20.5078, 2.2784



83.7410, 3.0857, 37.0611

Sweetspot

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



77.0920, -19.7654, -7.0967



110.2140, -7.9935, -2.8187



64.2880, -13.4530, 21.6724



56.0230, -4.9413, -1.7742



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.



77.0920, -19.7654, -7.0967



96.4970, -30.8110, -10.9599



69.3180, -15.9328, -23.0809



42.2450, -1.5998, -0.2149



82.5430, -40.6937, -14.5082



181.0010, -89.2335, -32.4499

Inverse Universe

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



48.9080, 19.7654, 7.0967



52.5030, 30.8110, 10.9599



56.6820, 15.9328, 23.0809



40.0540, 1.4524, 0.8296



24.4570, 40.6937, 14.5082



53.7000, 89.3809, 31.8351

Previews

White Background



This preview shows how the YUV color 77.0920, -19.7654, -7.0967 looks on a white background.

Color Contrast Check

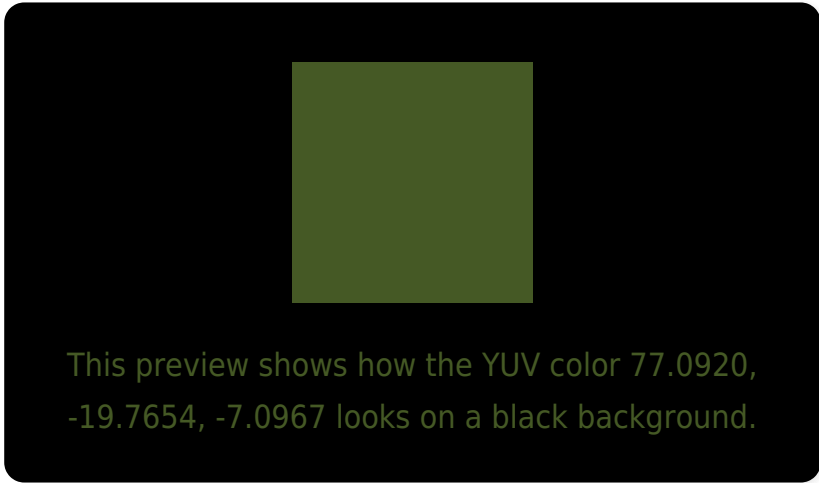
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0920, -19.7654, -7.0967

Background



This preview shows how black text looks on a background with the YUV color 77.0920, -19.7654, -7.0967.



This preview shows how white text looks on a background with the YUV color 77.0920, -19.7654, -7.0967.

-7.0967.

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

77.0920, -19.7654, -7.0967

Protanopia

79.6320, -22.0036, 10.8467

Deuteranopia

80.8440, -20.1361, 18.5538



Tritanopia

82.2920, 3.8000, -5.5181

Trichromacy



Original Color

77.0920, -19.7654, -7.0967

Protanomaly

79.1150, -21.2557, 4.2841

Deuteranomaly

79.4900, -19.9616, 9.2173

Tritanomaly

80.4030, -4.6357, -6.4924

Monochromacy



Original Color

77.0920, -19.7654, -7.0967

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0920, -19.7654, -7.0967 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(69, 89, 37)` looks like.

```
.text, #text, p{  
    color:rgb(69, 89, 37)  
}
```

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(69, 89, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 89, 37) }
```

Border

The CSS property to change the border of an element to YUV 77.0920, -19.7654, -7.0967 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(69, 89, 37) }
```


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

```
.border{ border-color:rgb(69, 89, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 89, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 89, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 89, 37);  
box-shadow:4px 4px 4px 4px rgb(69, 89, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0920, -19.7654, -7.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 89, 37) }
```

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

```
.background{ background-color: rgb(69, 89,  
37) }
```

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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