

Converting Colors

YUV(69.5230, 17.4902, 83.7333)

Have a look what the booklet for
YUV(69.5230, 17.4902, 83.7333)
contains.

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Color

**YUV(69.5230, 17.4902,
83.7333)**

Conversions

Conversions Part 1

Format	Color
Hex	A50E69
RGB	165, 14, 105
RGB Percent	65%, 5%, 41%
CMY	0.3529, 0.9451, 0.5882
CMYK	0.00, 0.92, 0.36, 0.35
HSL	324°, 84%, 35%
HSV	324°, 92%, 65%
XYZ	18.2239, 9.3333, 14.2056
YIQ	69.5230, 60.7850, 60.3130

Conversions

Conversions Part 2

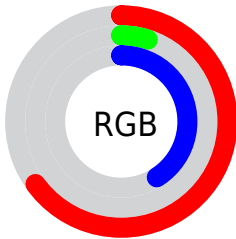
Format	Color
R_{YB}	165, 14, 105
Decimal	10817129
CIE _{Lab}	36.62, 61.51, -10.72
CIE _{LCh}	37, 62.441, 350.118
Yxy	9.3333, 0.4364, 0.2235
Android (android.graphics.Color)	4289007209 (0xFFA50E69)
YUV	69.5230, 17.4902, 83.7333
Hunter-Lab	30.5505, 53.0149, -6.1838

Details

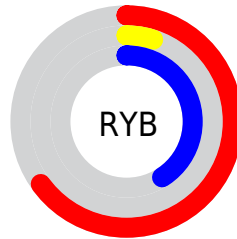
The YUV color **69.5230, 17.4902, 83.7333** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109.4770, -17.4902, -83.7333**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4810, 11.1019, 79.3852**, and **38.9040, 9.4143, 60.5972** is the 20% darker color. If you saturate the color by 10%, you get **60.6210, 18.9208, 91.5404**, and if you desaturate by 10%, it is **79.7130, 15.9175, 74.7967**.

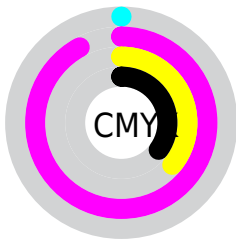
Distribution



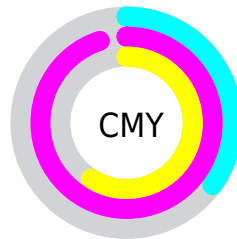
- Red (65%)
- Green (5%)
- Blue (41%)



- Red (65%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (92%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (95%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5230, 17.4902, 83.7333 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 69.5230, 17.4902, 83.7333 by changing the saturation by 10% instead.

69.5230, 17.4902,
83.7333

69.5230, 17.4902,
83.7333

255.0000, 0.0000,
0.0000

49.8980, 15.3333,
75.5115

133.4810, 11.1019,
79.3852

38.9040, 9.4143,
60.5972

162.8510, 9.9335,
80.8147

28.0240, 3.9322,
45.5830

182.4790, 14.0609,
63.6009

17.7420, -1.8448,
31.7983

202.1070, 18.1882,
46.3872

2.9900, -1.4741,
6.1478

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 69.5230, 17.4902,
83.7333

■ 69.5230, 17.4902,
83.7333

■ 60.6210, 18.9208,
91.5404

■ 79.7130, 15.9175,
74.7967

■ 90.3760, 13.6186,
65.4452

■ 101.1530, 11.7566,
55.9938

■ 111.2290, 9.7471,
47.1572

■ 121.4190, 8.1744,
38.2205

■ 132.0820, 5.8756,
28.8691

■ 142.8590, 4.0135,
19.4177

■ 152.9350, 2.0040,
10.5810

■ 163.7120, 0.1420,
1.1296

Harmonies

Analogous

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



86.0100, 32.0401, 36.8252



69.5230, 17.4902, 83.7333



67.3780, -6.1024, 90.8765

Triad

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



69.5230, 17.4902, 83.7333



77.3040, -38.1109, -2.8976



80.2170, 40.8120, -70.3503

Complementary

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



69.5230, 17.4902, 83.7333



109.4770, -17.4902, -83.7333

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.



76.4890, 21.4509, -67.0809



69.5230, 17.4902, 83.7333



60.6720, -26.4603, -53.2093

Square

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



69.5230, 17.4902, 83.7333



81.3670, -40.1139, 33.0041



69.8600, -1.4100, -61.2672



78.1430, 53.1735, -68.5314

Rectangle

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



69.5230, 17.4902, 83.7333



75.3010, -26.2774, 75.1580



69.8600, -1.4100, -61.2672



79.3220, 34.8443, -69.5654

Sweetspot

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



69.5230, 17.4902, 83.7333



177.3320, 6.7383, 32.1578



48.5560, 57.4069, 20.5604



85.4460, 3.7241, 18.9029



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



69.5230, 17.4902, 83.7333



78.6920, 24.8018, 118.6651



61.2010, -14.3961, 91.0317



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Inverse Universe

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



69.5230, 17.4902, 83.7333



78.6920, 24.8018, 118.6651



117.7990, 14.3961, -91.0317



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 69.5230, 17.4902, 83.7333 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 69.5230, 17.4902, 83.7333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

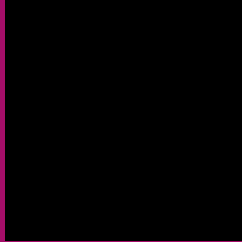
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5230, 17.4902, 83.7333

Background



This preview shows how black text looks on a background with the YUV color 69.5230, 17.4902, 83.7333.



This preview shows how white text looks on a background with the YUV color 69.5230, 17.4902,

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

69.5230, 17.4902, 83.7333

Protanopia

86.0060, 31.0560, -21.0533

Deuteranopia

89.1620, 4.3571, 2.4889



Tritanopia

78.5100, -16.5204, 72.3437

Trichromacy



Original Color

69.5230, 17.4902, 83.7333

Protanomaly

79.9830, 26.1374, 16.6779

Deuteranomaly

82.3150, 9.2117, 32.1727

Tritanomaly

74.8600, -3.8750, 76.4218

Monochromacy



Original Color

69.5230, 17.4902, 83.7333

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2070, 6.3069, 30.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5230, 17.4902, 83.7333 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(165, 14, 105)` looks like.

```
.text, #text, p{  
    color:rgb(165, 14, 105)  
}
```

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(165, 14, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 14, 105) }
```

Border

The CSS property to change the border of an element to YUV 69.5230, 17.4902, 83.7333 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(165, 14, 105) }
```


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

```
.border{ border-color:rgb(165, 14, 105) }
```

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

Here you see how a box with a 4 pixel rgb(165, 14, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 14, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 14, 105);  
box-shadow:4px 4px 4px 4px rgb(165, 14,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 69.5230, 17.4902, 83.7333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 14, 105) }
```

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

```
.background{ background-color: rgb(165, 14,  
105) }
```

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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