

Converting Colors

YUV(34.7150, 69.6535, 12.5279)

Have a look what the booklet for
YUV(34.7150, 69.6535, 12.5279)
contains.

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Color

**YUV(34.7150, 69.6535,
12.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	3100B0
RGB	49, 0, 176
RGB Percent	19%, 0%, 69%
CMY	0.8078, 1.0000, 0.3098
CMYK	0.72, 1.00, 0.00, 0.31
HSL	257°, 100%, 35%
HSV	257°, 100%, 69%
XYZ	9.1031, 3.7876, 41.3256
YIQ	34.7150, -27.2920, 65.1240

Conversions

Conversions Part 2

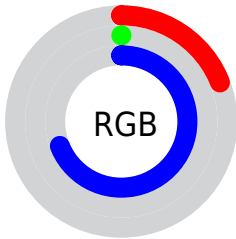
Format	Color
R _Y B	49, 0, 176
Decimal	3211440
CIE Lab	22.96, 60.85, -77.64
CIE LCh	23, 98.642, 308.087
Yxy	3.7876, 0.1679, 0.0699
Android (android.graphics.Color)	4281401520 (0xFF3100B0)
YUV	34.7150, 69.6535, 12.5279
Hunter-Lab	19.4616, 49.4347, -112.2754

Details

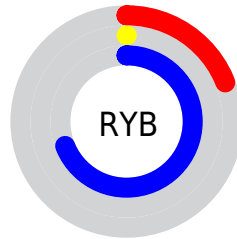
The YUV color **34.7150, 69.6535, 12.5279** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **141.2850, -69.6535, -12.5279**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9390, 66.5851, 16.7165**, and **13.9080, 53.2894, -12.1973** is the 20% darker color. If you saturate the color by 10%, you get **34.7150, 69.6535, 12.5279**, and if you desaturate by 10%, it is **49.1680, 62.5282, 11.2537**.

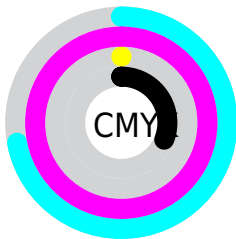
Distribution



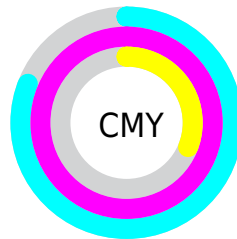
- Red (19%)
- Green (0%)
- Blue (69%)



- Red (19%)
- Yellow (0%)
- Blue (69%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (100%)
- Yellow (31%)
- Black (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.7150, 69.6535, 12.5279 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 34.7150, 69.6535, 12.5279 by changing the saturation by 10% instead.

■ 34.7150, 69.6535,
12.5279

■ 34.7150, 69.6535,
12.5279

■ 255.0000, 0.0000,
0.0000

■ 16.8720, 64.6461,
-14.7967

■ 97.9390, 66.5851,
16.7165

■ 13.9080, 53.2894,
-12.1973

■ 124.6790, 64.2483,
19.5755

■ 10.9440, 41.9326,
-9.5979

■ 149.7970, 51.8651,
24.7340

■ 12.7900, 28.6975,
-11.2168

■ 174.6160, 39.6293,
29.2778

■ 7.7060, 19.3719,
-6.7582

■ 199.7340, 27.2461,
34.4363

■ 3.5510, 11.0674,
-3.1142

■ 220.9540, 16.7847,

■ 0.0000, 0.0000,

29.8583

0.0000

■ 237.9770, 8.3923,
14.9292

■ 34.7150, 69.6535,
12.5279

■ 49.1680, 62.5282,
11.2537

■ 62.7350, 55.8396,
9.8794

■ 77.1880, 48.7143,
8.6051

■ 91.0540, 41.8784,
7.8456

■ 105.5070, 34.7530,
6.5714

■ 119.6610, 27.7751,
4.6823

■ 133.5270, 20.9392,
3.9228

■ 147.9800, 13.8139,
2.6485

■ 161.5470, 7.1253,
1.2743

Harmonies

Analogous

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



61.9810, 72.4804, -54.3573



34.7150, 69.6535, 12.5279



57.0200, 27.1051, 79.7895

Triad

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



34.7150, 69.6535, 12.5279



45.5050, -22.4340, 55.6851



53.6350, 10.0399, -47.0379

Complementary

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



34.7150, 69.6535, 12.5279



141.2850, -69.6535, -12.5279

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.



43.4380, -21.4149, -38.0951



34.7150, 69.6535, 12.5279



49.5830, -24.4444, 0.3657

Square

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



34.7150, 69.6535, 12.5279



44.8500, -22.1110, 92.2166



41.0900, -20.2574, -36.0359



63.2450, 41.7842, -55.4659

Rectangle

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



34.7150, 69.6535, 12.5279



57.2290, 3.3381, 96.2692



41.0900, -20.2574, -36.0359



50.0840, -1.0274, -43.9237

Sweetspot

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



34.7150, 69.6535, 12.5279



174.5470, 27.3383, 4.7823



95.7870, 39.5450, -84.0052



81.3760, 16.5766, 3.1782



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



34.7150, 69.6535, 12.5279



45.3560, 91.0295, 16.3508



60.4290, 56.9765, 65.3988



81.9230, 3.4890, 0.9445



30.2990, 60.4916, 11.1388



5.0570, 10.3249, 1.7040

Inverse Universe

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



67.1020, 29.5297, 95.5035



87.6940, 38.6049, 124.8024



115.5710, -56.9765, -65.3988



83.4890, 1.7309, 4.8331



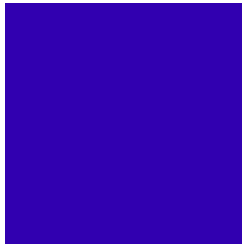
58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 34.7150, 69.6535, 12.5279 looks on a white background.

Color Contrast Check

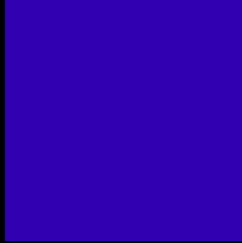
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7150, 69.6535, 12.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

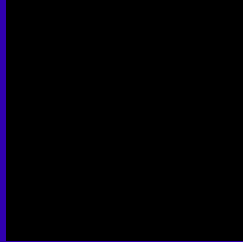
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7150, 69.6535, 12.5279

Background



This preview shows how black text looks on a background with the YUV color 34.7150, 69.6535, 12.5279.



This preview shows how white text looks on a background with the YUV color 34.7150, 69.6535,

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



Protanopia

46.0960, 34.4627, -40.4262

Deuteranopia

45.9190, 26.1689, -40.2710

Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Protanomaly

42.2460, 47.2067, -21.2637

Deuteranomaly

42.1660, 41.8232, -21.1936

Tritanomaly

41.6470, 32.2190, -20.7384

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.6780, 25.3017, 4.6674

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7150, 69.6535, 12.5279 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(49, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 176)  
}
```

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(49, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 176) }
```

Border

The CSS property to change the border of an element to YUV 34.7150, 69.6535, 12.5279 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(49, 0, 176) }
```

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

```
.border{ border-color:rgb(49, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(49, 0, 176)  
}
```


Background

The CSS property to change the background color of an element to YUV 34.7150, 69.6535, 12.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 176) }
```

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

```
.background{ background-color: rgb(49, 0,  
176) }
```

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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