

Converting Colors

YUV(30.0150, 64.5756, 7.8798)

Have a look what the booklet for
YUV(30.0150, 64.5756, 7.8798)
contains.

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Color

**YUV(30.0150, 64.5756,
7.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	2700A1
RGB	39, 0, 161
RGB Percent	15%, 0%, 63%
CMY	0.8471, 1.0000, 0.3686
CMYK	0.76, 1.00, 0.00, 0.37
HSL	255°, 100%, 32%
HSV	255°, 100%, 63%
XYZ	7.2697, 3.0045, 33.9150
YIQ	30.0150, -28.4370, 58.3390

Conversions

Conversions Part 2

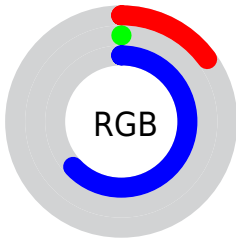
Format	Color
R_{YB}	39, 0, 161
Decimal	2556065
CIE _{Lab}	20.06, 56.80, -73.40
CIE _{LCh}	20, 92.809, 307.736
Yxy	3.0045, 0.1645, 0.0680
Android (android.graphics.Color)	4280746145 (0xFF2700A1)
YUV	30.0150, 64.5756, 7.8798
Hunter-Lab	17.3336, 44.5291, -103.8734

Details

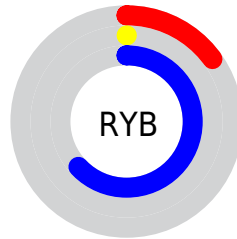
The YUV color **30.0150, 64.5756, 7.8798** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **130.9850, -64.5756, -7.8798**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3640, 61.9385, 13.7128**, and **12.3120, 47.1742, -10.7976** is the 20% darker color. If you saturate the color by 10%, you get **30.0150, 64.5756, 7.8798**, and if you desaturate by 10%, it is **42.9950, 58.1765, 7.0204**.

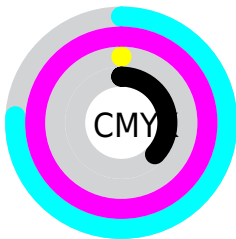
Distribution



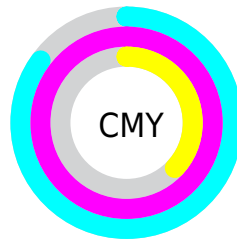
- Red (15%)
- Green (0%)
- Blue (63%)



- Red (15%)
- Yellow (0%)
- Blue (63%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0150, 64.5756, 7.8798 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 30.0150, 64.5756, 7.8798 by changing the saturation by 10% instead.

■ 30.0150, 64.5756,
7.8798

■ 30.0150, 64.5756,
7.8798

■ 252.0650, 1.4470,
2.5740

■ 15.2760, 58.5309,
-13.3971

■ 91.3640, 61.9385,
13.7128

■ 12.3120, 47.1742,
-10.7976

■ 118.9020, 62.6593,
15.8719

■ 9.3480, 35.8174,
-8.1982

■ 144.1600, 54.6441,
20.0307

■ 9.5470, 23.8873,
-8.3727

■ 168.3920, 42.6977,
25.0892

■ 5.2780, 15.1459,
-4.6288

■ 193.5100, 30.3146,
30.2477


■ 1.2540, 4.8048,
-1.0998


■ 218.0190, 18.2316,


■ 0.0000, 0.0000,


32.4323


0.0000


 235.0420, 9.8393,
17.5032


 30.0150, 64.5756,
7.8798

 42.9950, 58.1765,
7.0204

 55.9750, 51.7773,
6.1609

 69.2540, 45.2308,
5.9162

 82.2340, 38.8316,
5.0568

 95.8010, 32.1431,
3.6825

■ 108.7810, 25.7440,
2.8231

■ 121.7610, 19.3448,
1.9636

■ 135.0400, 12.7983,
1.7189

■ 148.0200, 6.3991,
0.8595

Harmonies

Analogous

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



55.8200, 66.6437, -48.9541



30.0150, 64.5756, 7.8798



51.6940, 24.8009, 72.1824

Triad

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



30.0150, 64.5756, 7.8798



38.9930, -19.2235, 52.6261



48.0270, 8.8607, -42.1197

Complementary

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



30.0150, 64.5756, 7.8798



130.9850, -64.5756, -7.8798

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.



39.3290, -19.3892, -34.4915



30.0150, 64.5756, 7.8798



43.9790, -21.6816, 0.8954

Square

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



30.0150, 64.5756, 7.8798



40.9630, -20.1948, 84.2244



36.9810, -18.2316, -32.4323



56.8390, 37.5474, -49.8478

Rectangle

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



30.0150, 64.5756, 7.8798



51.6470, 2.6390, 87.1326



36.9810, -18.2316, -32.4323



44.7040, -1.3331, -39.2054

Sweetspot

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



30.0150, 64.5756, 7.8798



157.9660, 25.1598, 3.5378



90.5550, 34.7294, -79.4167



74.0230, 15.2717, 1.7338



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



30.0150, 64.5756, 7.8798



39.0750, 83.7730, 10.4582



53.6360, 52.9305, 56.4472



74.6240, 3.6364, 0.3298



26.9950, 58.1765, 7.0204



3.2480, 7.2727, 0.6595

Inverse Universe

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



62.0470, 29.5568, 86.7818



80.5030, 38.2060, 112.6919



107.3640, -52.9305, -56.4472



76.4890, 1.7309, 4.8331



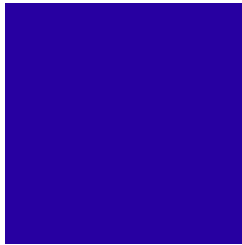
55.8950, 26.6738, 78.1451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 30.0150, 64.5756, 7.8798 looks on a white background.

Color Contrast Check

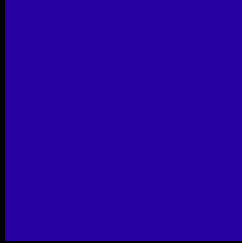
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0150, 64.5756, 7.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

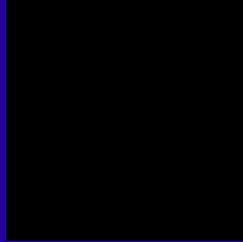
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0150, 64.5756, 7.8798

Background



This preview shows how black text looks on a background with the YUV color 30.0150, 64.5756, 7.8798.



This preview shows how white text looks on a background with the YUV color 30.0150, 64.5756,

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

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824

Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Protanomaly

37.2200, 43.2755, -20.3639

Deuteranomaly

37.2540, 38.3288, -20.3938

Tritanomaly

36.3760, 29.8876, -19.6238

Monochromacy



Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9120, 23.7074, 2.7082

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0150, 64.5756, 7.8798 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(39, 0, 161)` looks like.

```
.text, #text, p{  
    color:rgb(39, 0, 161)  
}
```

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(39, 0, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 0, 161) }
```

Border

The CSS property to change the border of an element to YUV 30.0150, 64.5756, 7.8798 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(39, 0, 161) }
```

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

```
.border{ border-color:rgb(39, 0, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 0, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 0, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 0, 161);  
box-shadow:4px 4px 4px 4px rgb(39, 0, 161)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.0150, 64.5756, 7.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 0, 161) }
```

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

```
.background{ background-color: rgb(39, 0,  
161) }
```

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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