

# Converting Colors

YUV(110.0030, 32.5365,  
17.5374)

Have a look what the booklet for  
YUV(110.0030, 32.5365, 17.5374)  
contains.

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# Color

**YUV(110.0030, 32.5365,  
17.5374)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8257B0
RGB	130, 87, 176
RGB Percent	51%, 34%, 69%
CMY	0.4902, 0.6588, 0.3098
CMYK	0.26, 0.51, 0.00, 0.31
HSL	269°, 36%, 52%
HSV	269°, 51%, 69%
XYZ	20.4506, 14.6968, 42.8332
YIQ	110.0030, -2.9410, 36.7950

# Conversions

## Conversions Part 2

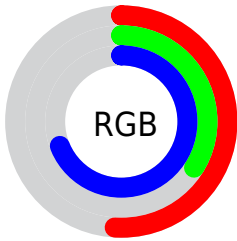
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 87, 176
Decimal	8542128
CIE <sub>Lab</sub>	45.22, 35.75, -41.00
CIE <sub>LCh</sub>	45, 54.397, 311.087
Yxy	14.6968, 0.2623, 0.1885
Android (android.graphics.Color)	4286732208 (0xFF8257B0)
YUV	110.0030, 32.5365, 17.5374
Hunter-Lab	38.3364, 28.1322, -39.4091

# Details

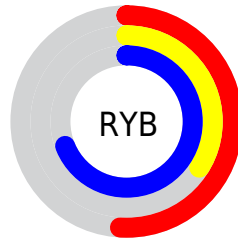
The YUV color **110.0030, 32.5365, 17.5374** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **152.9970, -32.5365, -17.5374**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7690, 34.1309, 19.4966**, and **59.9380, 31.0896, 14.9634** is the 20% darker color. If you saturate the color by 10%, you get **96.7460, 39.0722, 21.2708**, and if you desaturate by 10%, it is **123.2600, 26.0008, 13.8040**.

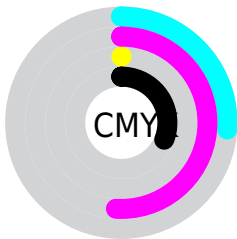
# Distribution



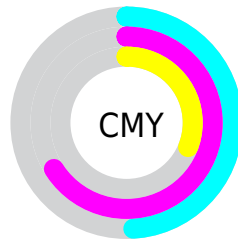
- Red (51%)
- Green (34%)
- Blue (69%)



- Red (51%)
- Yellow (34%)
- Blue (69%)



- Cyan (26%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (66%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.0030, 32.5365, 17.5374 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 110.0030, 32.5365, 17.5374 by changing the saturation by 10% instead.



■ 110.0030, 32.5365,  
17.5374

■ 110.0030, 32.5365,  
17.5374

■ 255.0000, 0.0000,  
0.0000

■ 84.7640, 31.6683,  
15.9930

■ 162.7690, 34.1309,  
19.4966

■ 59.9380, 31.0896,  
14.9634

■ 189.6120, 32.2363,  
20.5113

■ 35.9980, 30.0740,  
14.0338

■ 214.1320, 20.1479,  
24.4402

■ 16.0960, 28.0537,  
8.6858

■ 234.4550, 10.1287,  
18.0180

■ 5.7000, 21.8399,  
-4.9989

■ 251.4780, 1.7363,  
3.0888

■ 3.7790, 11.9410,  
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 110.0030, 32.5365,  
17.5374

■ 110.0030, 32.5365,  
17.5374

■ 96.7460, 39.0722,  
21.2708

■ 123.2600, 26.0008,  
13.8040

■ 84.0760, 45.3185,  
24.4893

■ 135.9300, 19.7545,  
10.5854

■ 70.8190, 51.8542,  
28.2227

■ 149.1870, 13.2188,  
6.8520

■ 58.1490, 58.1005,  
31.4413

■ 161.8570, 6.9725,  
3.6334

■ 45.4790, 64.3469,  
34.6599

■ 175.1140, 0.4368,  
-0.1000

■ 188.6700, -6.2463,  
-3.2186

■ 201.3400,  
-12.4926, -6.4372

■ 214.5970,  
-19.0283, -10.1706

■ 227.2670,  
-25.2746, -13.3892

# Harmonies

## Analogous

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



93.0410, 51.2518, -58.7950



110.0030, 32.5365, 17.5374



106.2010, 15.6769, 58.5827

# Triad

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



110.0030, 32.5365, 17.5374



101.4240, -46.5510, 44.3552



89.1580, 16.6841, -78.1916

# Complementary

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



110.0030, 32.5365, 17.5374



152.9970, -32.5365, -17.5374

# 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.



82.6260, -3.2666, -72.4630



110.0030, 32.5365, 17.5374



98.3570, -48.4900, 12.8419

# Square

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



110.0030, 32.5365, 17.5374



102.5450, -26.3977, 67.0510



93.0990, -30.6148, -27.2738



92.8860, 36.0452, -81.4610



# Rectangle

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



110.0030, 32.5365, 17.5374



103.0320, 1.9562, 72.7629



93.0990, -30.6148, -27.2738



87.3340, 9.6953, -76.5919

# Sweetspot

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



110.0030, 32.5365, 17.5374



204.0730, 12.7820, 6.9520



124.7350, 25.2736, -33.0936



99.3840, 7.6987, 4.0482



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.



110.0030, 32.5365, 17.5374



125.9930, 51.2755, 27.1931



122.8600, 26.1980, 43.9728



82.5210, 3.1941, 2.1741



39.5680, 55.9220, 30.1969



6.5520, 9.5879, 4.7779



# Inverse Universe

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



118.8550, 6.9735, 50.1162



140.0680, 10.8125, 78.8704



140.1400, -26.1980, -43.9728



83.2610, 0.8573, 5.0331



54.7530, 11.9538, 86.1626

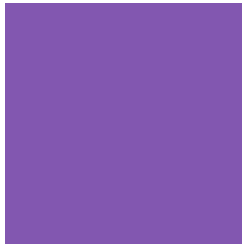


9.2560, 1.8458, 14.6845



# Previews

## White Background



This preview shows how the YUV color 110.0030, 32.5365, 17.5374 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 × Fail



# Black Background



This preview shows how the YUV color 110.0030, 32.5365, 17.5374 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

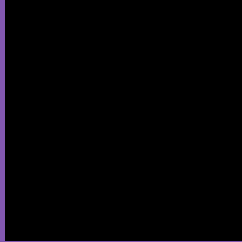
Any Text WCAG AA × Fail

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 110.0030, 32.5365, 17.5374 Background



This preview shows how black text looks on a background with the YUV color 110.0030, 32.5365, 17.5374.



This preview shows how white text looks on a background with the YUV color 110.0030, 32.5365,



# 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

110.0030, 32.5365, 17.5374

### Protanopia

102.4850, 44.6239, -32.8743

### Deuteranopia

103.3470, 33.8459, -29.2453



## Tritanopia

108.3970, 1.2833, 8.4218

# Trichromacy



## Original Color

110.0030, 32.5365, 17.5374

## Protanomaly

105.4550, 40.2017, -14.4310

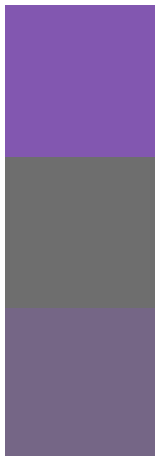
## Deuteranomaly

105.9300, 33.0655, -12.2166

## Tritanomaly

108.8070, 12.9131, 11.5703

# Monochromacy



## Original Color

110.0030, 32.5365, 17.5374

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

110.1330, 11.7664, 6.0224

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.0030, 32.5365, 17.5374 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(130, 87, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 87, 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(130, 87, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 87, 176) }
```

## Border

The CSS property to change the border of an element to YUV 110.0030, 32.5365, 17.5374 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(130, 87, 176) }
```



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

```
.border{ border-color:rgb(130, 87, 176) }
```

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

Here you see how a box with a 4 pixel rgb(130, 87, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 87, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 87, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 87,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 110.0030, 32.5365, 17.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 87, 176) }
```

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

```
.background{ background-color: rgb(130, 87,  
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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