

Converting Colors

YUV(124.1410, 30.0035,
36.7103)

Have a look what the booklet for
YUV(124.1410, 30.0035, 36.7103)
contains.

YUV(124.1410, 30.0035, 36.7103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.1410, 30.0035,
36.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	A65BB9
RGB	166, 91, 185
RGB Percent	65%, 36%, 73%
CMY	0.3490, 0.6431, 0.2745
CMYK	0.10, 0.51, 0.00, 0.27
HSL	288°, 40%, 54%
HSV	288°, 51%, 73%
XYZ	28.2239, 19.0919, 48.0965
YIQ	124.1410, 14.5260, 45.1340

Conversions

Conversions Part 2

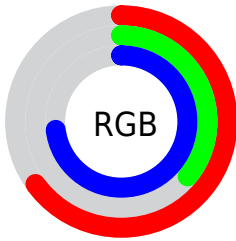
Format	Color
R_{YB}	166, 91, 185
Decimal	10902457
CIE _{Lab}	50.79, 45.67, -37.15
CIE _{LCh}	51, 58.874, 320.870
Yxy	19.0919, 0.2958, 0.2001
Android (android.graphics.Color)	4289092537 (0xFFA65BB9)
YUV	124.1410, 30.0035, 36.7103
Hunter-Lab	43.6943, 38.8353, -34.6774

Details

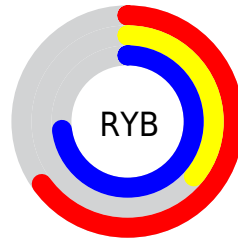
The YUV color **124.1410, 30.0035, 36.7103** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **151.8590, -30.0035, -36.7103**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6790, 30.7243, 38.8695**, and **71.9020, 29.1353, 35.1659** is the 20% darker color. If you saturate the color by 10%, you get **112.3790, 35.8022, 43.5176**, and if you desaturate by 10%, it is **136.4900, 23.9154, 29.3883**.

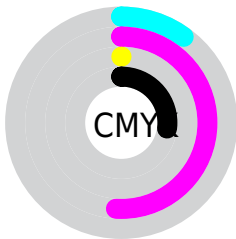
Distribution



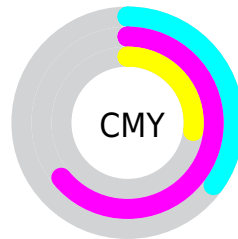
- Red (65%)
- Green (36%)
- Blue (73%)



- Red (65%)
- Yellow (36%)
- Blue (73%)



- Cyan (10%)
- Magenta (51%)
- Yellow (0%)
- Black (27%)





- Cyan (35%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.1410, 30.0035, 36.7103 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 124.1410, 30.0035, 36.7103 by changing the saturation by 10% instead.


 124.1410, 30.0035,
36.7103


 124.1410, 30.0035,
36.7103


255.0000, 0.0000,
0.0000


 97.7280, 29.7141,
36.1955


 178.6790, 30.7243,
38.8695

 71.9020, 29.1353,
35.1659


 204.7950, 24.7511,
41.3988


 42.7820, 31.1665,
37.0252

 222.1280, 16.2059,
28.8287

 27.1740, 26.5362,
28.7884

 238.5640, 8.1029,
14.4144

 17.9740, 19.7328,
17.5628

 3.9900, 15.2879,
-3.4992

 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 124.1410, 30.0035,
36.7103

■ 124.1410, 30.0035,
36.7103

■ 112.3790, 35.8022,
43.5176

■ 136.4900, 23.9154,
29.3883

■ 100.3290, 41.7428,
51.4545

■ 147.9530, 18.2642,
21.9662

■ 88.5670, 47.5415,
58.2617

■ 160.3020, 12.1761,
14.6441

■ 76.2180, 53.6295,
65.5838

■ 172.0640, 6.3774,
7.8369

■ 65.3420, 58.9914,
72.4911

■ 184.4130, 0.2894,
0.5148

■ 195.8760, -5.3619,
-6.9073

■ 208.2250,
-11.4499, -14.2293

■ 219.9870,
-17.2486, -21.0366

■ 230.5750,
-22.4685, -26.8143

Harmonies

Analogous

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



117.7400, 47.9492, -26.0820



124.1410, 30.0035, 36.7103



118.2200, 10.2445, 74.3521

Triad

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



124.1410, 30.0035, 36.7103



113.5730, -55.9915, 38.9625



102.1980, 26.0314, -89.6276

Complementary

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



124.1410, 30.0035, 36.7103



151.8590, -30.0035, -36.7103

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.



95.6830, 3.6073, -83.9140



124.1410, 30.0035, 36.7103



109.0260, -53.2568, 1.7312

Square

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



124.1410, 30.0035, 36.7103



116.3140, -36.1438, 66.3766



99.9050, -23.1242, -49.9057



105.3390, 45.6819, -92.3823

Rectangle

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



124.1410, 30.0035, 36.7103



115.5620, -5.2071, 83.6991



99.9050, -23.1242, -49.9057



100.2600, 18.6058, -87.9280

Sweetspot

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



124.1410, 30.0035, 36.7103



216.4760, 11.5973, 13.6145



113.4560, 35.2712, -19.6939



105.5910, 7.1036, 8.2517



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



124.1410, 30.0035, 36.7103



144.7410, 46.9627, 57.2321



126.7440, 15.4092, 51.0905



86.1190, 2.8993, 3.4036



54.8600, 49.8620, 60.6358



9.7700, 8.9874, 10.7257

Inverse Universe

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



121.2720, -5.5571, 55.8895



140.3730, -8.5649, 87.3729



149.2560, -15.4092, -51.0905



85.8050, -0.8899, 5.4330



50.1780, -9.4548, 92.8059



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 124.1410, 30.0035, 36.7103 looks on a white background.

Color Contrast Check

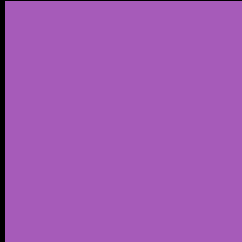
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 124.1410, 30.0035, 36.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

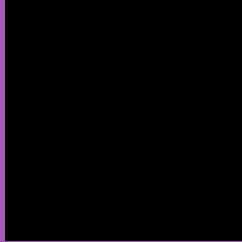
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.1410, 30.0035, 36.7103

Background



This preview shows how black text looks on a background with the YUV color 124.1410, 30.0035, 36.7103.



This preview shows how white text looks on a background with the YUV color 124.1410, 30.0035, 36.7103.

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

124.1410, 30.0035, 36.7103

Protanopia

117.4250, 45.6395, -31.9447

Deuteranopia

120.1370, 29.0195, -21.1681



Tritanopia

123.2640, -3.5812, 28.7095

Trichromacy



Original Color

124.1410, 30.0035, 36.7103

Protanomaly

119.7980, 40.0326, -6.8388

Deuteranomaly

121.3830, 29.3912, -0.3359

Tritanomaly

123.7880, 8.4855, 31.7579

Monochromacy



Original Color

124.1410, 30.0035, 36.7103

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9490, 10.8711, 13.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1410, 30.0035, 36.7103 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(166, 91, 185)` looks like.

```
.text, #text, p{  
    color:rgb(166, 91, 185)  
}
```

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(166, 91, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 91, 185) }
```

Border

The CSS property to change the border of an element to YUV 124.1410, 30.0035, 36.7103 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(166, 91, 185) }
```


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

```
.border{ border-color:rgb(166, 91, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 91, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 91, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 91, 185);  
box-shadow:4px 4px 4px 4px rgb(166, 91,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 124.1410, 30.0035, 36.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 91, 185) }
```

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

```
.background{ background-color: rgb(166, 91,  
185) }
```

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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