

Converting Colors

YUV(102.4110, 30.3634,
14.5486)

Have a look what the booklet for
YUV(102.4110, 30.3634, 14.5486)
contains.

YUV(102.4110, 30.3634, 14.5486)	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(102.4110, 30.3634,
14.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	7752A4
RGB	119, 82, 164
RGB Percent	47%, 32%, 64%
CMY	0.5333, 0.6784, 0.3569
CMYK	0.27, 0.50, 0.00, 0.36
HSL	267°, 33%, 48%
HSV	267°, 50%, 64%
XYZ	17.3259, 12.6369, 36.6479
YIQ	102.4110, -4.2700, 33.3460

Conversions

Conversions Part 2

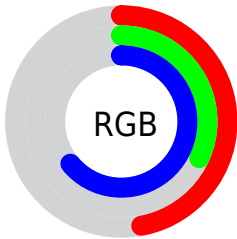
Format	Color
R_{YB}	119, 82, 164
Decimal	7819940
CIE _{Lab}	42.21, 32.59, -38.76
CIE _{LCh}	42, 50.640, 310.062
Yxy	12.6369, 0.2601, 0.1897
Android (android.graphics.Color)	4286010020 (0xFF7752A4)
YUV	102.4110, 30.3634, 14.5486
Hunter-Lab	35.5484, 24.7893, -36.2401

Details

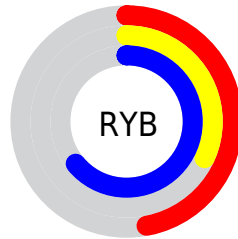
The YUV color **102.4110, 30.3634, 14.5486** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **143.5890, -30.3634, -14.5486**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1770, 31.9577, 16.5078**, and **53.3460, 28.9164, 11.9746** is the 20% darker color. If you saturate the color by 10%, you get **90.3280, 36.3203, 17.2523**, and if you desaturate by 10%, it is **114.4940, 24.4065, 11.8448**.

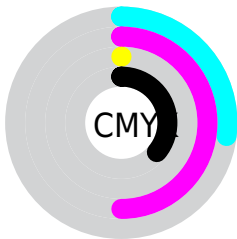
Distribution



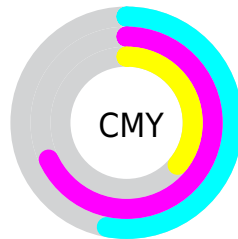
- Red (47%)
- Green (32%)
- Blue (64%)



- Red (47%)
- Yellow (32%)
- Blue (64%)



- Cyan (27%)
- Magenta (50%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.4110, 30.3634, 14.5486 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 102.4110, 30.3634, 14.5486 by changing the saturation by 10% instead.

■ 102.4110, 30.3634,
14.5486

■ 102.4110, 30.3634,
14.5486

■ 255.0000, 0.0000,
0.0000

■ 77.4710, 29.3478,
13.6189

■ 154.1770, 31.9577,
16.5078

■ 53.3460, 28.9164,
11.9746

■ 181.7040, 32.6839,
16.9226

■ 29.5200, 28.3376,
10.9450

■ 207.0220, 23.6532,
20.1517

■ 12.8630, 24.7175,
5.3821

■ 230.9330, 11.8650,
21.1068

■ 6.3210, 16.6037,
-5.5435

■ 247.3690, 3.7621,
6.6924

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 102.4110, 30.3634,
14.5486

■ 102.4110, 30.3634,
14.5486

■ 90.3280, 36.3203,
17.2523

■ 114.4940, 24.4065,
11.8448

■ 77.6580, 42.5666,
20.4709

■ 127.1640, 18.1601,
8.6262

■ 65.5750, 48.5235,
23.1747

■ 139.2470, 12.2032,
5.9224

■ 52.9050, 54.7698,
26.3933

■ 151.9170, 5.9569,
2.7038

■ 40.8220, 60.7268,
29.0971

■ 164.0000, 0.0000,
0.0000

■ 176.0830, -5.9569,
-2.7038

■ 188.7530,
-12.2032, -5.9224

■ 200.8360,
-18.1601, -8.6262

■ 213.5060,
-24.4065, -11.8448

Harmonies

Analogous

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



85.7270, 47.4626, -56.7656



102.4110, 30.3634, 14.5486



99.5270, 14.5302, 53.0348

Triad

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



102.4110, 30.3634, 14.5486



94.8950, -40.8672, 41.3111



82.7350, 14.9206, -72.5586

Complementary

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



102.4110, 30.3634, 14.5486



143.5890, -30.3634, -14.5486

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.



76.5450, -3.7197, -67.1300



102.4110, 30.3634, 14.5486



91.8670, -45.2904, 13.2716

Square

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



102.4110, 30.3634, 14.5486



95.6090, -23.4712, 61.7329



87.2890, -28.7365, -23.0555



86.7080, 32.6820, -76.0429

Rectangle

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



102.4110, 30.3634, 14.5486



96.4010, 2.2673, 66.3003



87.2890, -28.7365, -23.0555



81.0250, 8.3687, -71.0589

Sweetspot

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



102.4110, 30.3634, 14.5486



190.1330, 11.7664, 6.0224



117.7630, 22.7948, -31.3642



92.8570, 6.9725, 3.6334



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.



102.4110, 30.3634, 14.5486



117.9340, 47.3605, 22.8599



114.6700, 24.3197, 39.7544



75.2220, 3.3416, 1.5593



36.2640, 53.6068, 26.0785



4.4440, 6.6831, 3.1186

Inverse Universe

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



111.6480, 7.5685, 45.9127



132.2520, 11.7078, 71.6930



131.3300, -24.3197, -39.7544



76.2610, 0.8573, 5.0331



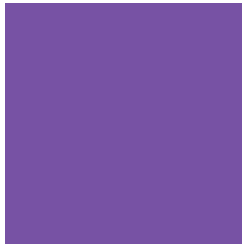
52.4750, 13.5698, 81.1444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 102.4110, 30.3634, 14.5486 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 102.4110, 30.3634, 14.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

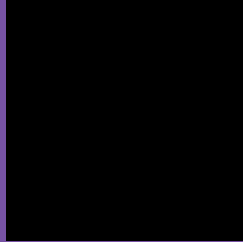
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.4110, 30.3634, 14.5486

Background



This preview shows how black text looks on a background with the YUV color 102.4110, 30.3634, 14.5486.



This preview shows how white text looks on a background with the YUV color 102.4110, 30.3634,

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

102.4110, 30.3634, 14.5486

Protanopia

95.4700, 40.6873, -30.2302

Deuteranopia

96.3750, 31.3671, -27.5159



Tritanopia

100.5000, 1.7255, 6.5775

Trichromacy



Original Color

102.4110, 30.3634, 14.5486

Protanomaly

98.2440, 36.8547, -14.2460

Deuteranomaly

98.3600, 30.8815, -11.7167

Tritanomaly

101.2690, 12.1924, 9.4111

Monochromacy



Original Color

102.4110, 30.3634, 14.5486

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.3070, 11.1876, 4.9928

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4110, 30.3634, 14.5486 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(119, 82, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 82, 164)  
}
```

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(119, 82, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 82, 164) }
```

Border

The CSS property to change the border of an element to YUV 102.4110, 30.3634, 14.5486 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(119, 82, 164) }
```


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

```
.border{ border-color:rgb(119, 82, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 82, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 82, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 82, 164);  
box-shadow:4px 4px 4px 4px rgb(119, 82,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 102.4110, 30.3634, 14.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 82, 164) }
```

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

```
.background{ background-color: rgb(119, 82,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor