

Converting Colors

YUV(110.8410, 24.7284, 1.8934)

Have a look what the booklet for
YUV(110.8410, 24.7284, 1.8934)
contains.

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Color

**YUV(110.8410, 24.7284,
1.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	7164A1
RGB	113, 100, 161
RGB Percent	44%, 39%, 63%
CMY	0.5569, 0.6078, 0.3686
CMYK	0.30, 0.38, 0.00, 0.37
HSL	253°, 24%, 51%
HSV	253°, 38%, 63%
XYZ	17.8002, 15.1983, 35.7136
YIQ	110.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

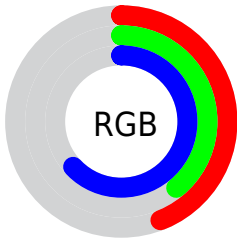
Format	Color
R_{YB}	113, 100, 161
Decimal	7431329
CIE _{Lab}	45.90, 19.24, -31.20
CIE _{LCh}	46, 36.650, 301.658
Yxy	15.1983, 0.2591, 0.2212
Android (android.graphics.Color)	4285621409 (0xFF7164A1)
YUV	110.8410, 24.7284, 1.8934
Hunter-Lab	38.9849, 13.2781, -27.0253

Details

The YUV color **110.8410, 24.7284, 1.8934** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.1590, -24.7284, -1.8934**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8950, 26.1808, 2.7231**, and **62.3740, 22.9866, 0.5490** is the 20% darker color. If you saturate the color by 10%, you get **97.5620, 31.2749, 2.1381**, and if you desaturate by 10%, it is **124.1200, 18.1818, 1.6488**.

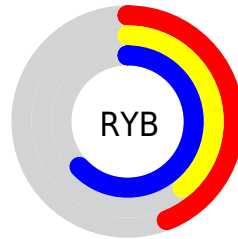
Distribution



Red (44%)

Green (39%)

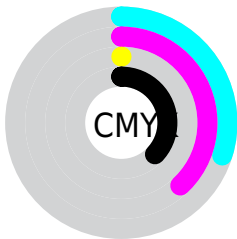
Blue (63%)



Red (44%)

Yellow (39%)

Blue (63%)

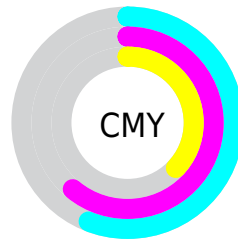


Cyan (30%)

Magenta (38%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (61%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8410, 24.7284, 1.8934 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 110.8410, 24.7284, 1.8934 by changing the saturation by 10% instead.

■ 110.8410, 24.7284,
1.8934

■ 110.8410, 24.7284,
1.8934

■ 255.0000, 0.0000,
0.0000

■ 86.0150, 24.1496,
0.8638

■ 162.8950, 26.1808,
2.7231

■ 62.3740, 22.9866,
0.5490

■ 190.4220, 26.9070,
3.1379

■ 39.7220, 21.8291,
-1.5102

■ 215.7830, 19.3340,
5.4523

■ 17.2980, 21.5451,
-3.7693

■ 240.8900, 6.9562,
8.8665

■ 5.0330, 16.7457,
-4.4139

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 110.8410, 24.7284,
1.8934

■ 110.8410, 24.7284,
1.8934

■ 97.5620, 31.2749,
2.1381

■ 124.1200, 18.1818,
1.6488

■ 84.5820, 37.6741,
2.9976

■ 137.1000, 11.7827,
0.7893

■ 71.3030, 44.2206,
3.2423

■ 150.3790, 5.2362,
0.5446

■ 58.0240, 50.7672,
3.4870

■ 163.6580, -1.3104,
0.2999

■ 45.0440, 57.1663,
4.3464

■ 177.2250, -7.9989,
-1.0743

■ 31.1780, 64.0022,
5.1059

■ 190.5040,
-14.5455, -1.3190

■ 28.5200, 65.3126,
4.8060

■ 203.7830,
-21.0920, -1.5637

■ 216.7630,
-27.4912, -2.4232

■ 230.0420,
-34.0377, -2.6678

Harmonies

Analogous

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



101.2810, 33.8785, -39.7114



110.8410, 24.7284, 1.8934



112.2270, 12.7061, 31.3729

Triad

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



110.8410, 24.7284, 1.8934



108.0590, -26.1581, 36.7823



85.2140, 11.7265, -74.7327

Complementary

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



110.8410, 24.7284, 1.8934



150.1590, -24.7284, -1.8934

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.



96.3530, -9.0480, -38.0206



110.8410, 24.7284, 1.8934



105.9010, -30.0242, 16.7498

Square

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



110.8410, 24.7284, 1.8934



108.4100, -14.9921, 48.7524



102.3540, -23.8385, -7.3265



88.7480, 25.2672, -77.8320

Rectangle

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



110.8410, 24.7284, 1.8934



111.0130, 3.9376, 43.8386



102.3540, -23.8385, -7.3265



84.0740, 7.3585, -73.7329

Sweetspot

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



110.8410, 24.7284, 1.8934



190.1170, 9.3093, 0.7744



135.7170, 12.4645, -31.3238



93.4930, 5.6730, 0.4446



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.



110.8410, 24.7284, 1.8934



131.6960, 38.1109, 2.8976



119.8110, 20.3062, 20.3368



74.6240, 3.6364, 0.3298



25.7990, 58.7661, 4.5613



3.2480, 7.2727, 0.6595

Inverse Universe

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



123.7110, 11.9745, 32.7025



151.5420, 18.4668, 50.3907



141.1890, -20.3062, -20.3368



76.4890, 1.7309, 4.8331



56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 110.8410, 24.7284, 1.8934 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 110.8410, 24.7284, 1.8934 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 110.8410, 24.7284, 1.8934 Background



This preview shows how black text looks on a background with the YUV color 110.8410, 24.7284, 1.8934.

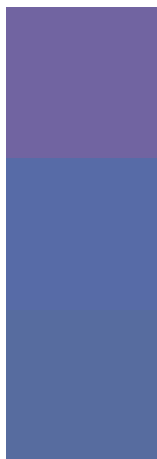


This preview shows how white text looks on a background with the YUV color 110.8410, 24.7284, 1.8934.

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

110.8410, 24.7284, 1.8934

Protanopia

107.8600, 29.1560, -18.2942

Deuteranopia

107.5350, 25.3722, -18.0092



Tritanopia

108.5310, 4.6682, -3.9737

Trichromacy



Original Color

110.8410, 24.7284, 1.8934

Protanomaly

108.5620, 27.8239, -11.0169

Deuteranomaly

108.5790, 25.3506, -11.0318

Tritanomaly

109.4910, 12.0829, -2.1846

Monochromacy



Original Color

110.8410, 24.7284, 1.8934

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8410, 24.7284, 1.8934 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(113, 100, 161)` looks like.

```
.text, #text, p{  
    color:rgb(113, 100, 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(113, 100, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 100, 161) }
```

Border

The CSS property to change the border of an element to YUV 110.8410, 24.7284, 1.8934 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(113, 100, 161) }
```


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

```
.border{ border-color:rgb(113, 100, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 100, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 100, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 100, 161);  
box-shadow:4px 4px 4px 4px rgb(113, 100,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 110.8410, 24.7284, 1.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 100, 161) }
```

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

```
.background{ background-color: rgb(113,  
100, 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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