

Converting Colors

YUV(137.7410, 12.9457, 1.1041)

Have a look what the booklet for
YUV(137.7410, 12.9457, 1.1041)
contains.

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Color

**YUV(137.7410, 12.9457,
1.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	8B84A4
RGB	139, 132, 164
RGB Percent	55%, 52%, 64%
CMY	0.4549, 0.4824, 0.3569
CMYK	0.15, 0.20, 0.00, 0.36
HSL	253°, 15%, 58%
HSV	253°, 20%, 64%
XYZ	25.5996, 24.6718, 38.5349
YIQ	137.7410, -6.1000, 11.4360

Conversions

Conversions Part 2

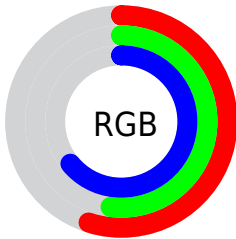
Format	Color
R_{YB}	139, 132, 164
Decimal	9143460
CIE Lab	56.75, 9.30, -16.03
CIE LCh	57, 18.535, 300.131
Yxy	24.6718, 0.2883, 0.2778
Android (android.graphics.Color)	4287333540 (0xFF8B84A4)
YUV	137.7410, 12.9457, 1.1041
Hunter-Lab	49.6707, 5.0724, -11.2280

Details

The YUV color $137.7410, 12.9457, 1.1041$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $158.2590, -12.9457, -1.1041$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.2680, 13.6719, 1.5190$, and $88.1000, 11.7827, 0.7893$ is the 20% darker color. If you saturate the color by 10%, you get $124.4620, 19.4922, 1.3488$, and if you desaturate by 10%, it is $151.0200, 6.3991, 0.8595$.

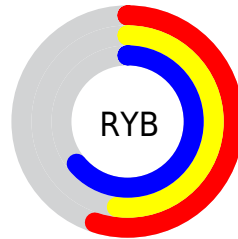
Distribution



Red (55%)

Green (52%)

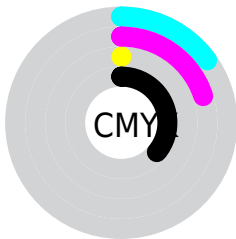
Blue (64%)



Red (55%)

Yellow (52%)

Blue (64%)

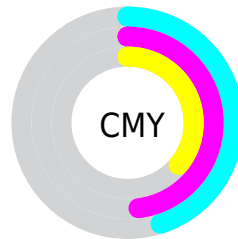


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7410, 12.9457, 1.1041 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 137.7410, 12.9457, 1.1041 by changing the saturation by 10% instead.

■ 137.7410, 12.9457,
1.1041

■ 137.7410, 12.9457,
1.1041

■ 255.0000, 0.0000,
0.0000

■ 112.3280, 12.6563,
0.5893

■ 191.2680, 13.6719,
1.5190

■ 88.1000, 11.7827,
0.7893

■ 219.3820, 14.1087,
1.4190

■ 64.6870, 11.4933,
0.2745

■ 244.9880, 4.9359,
3.5185

■ 42.1600, 10.7671,
-0.1403

■ 21.6330, 10.0409,
-0.5551

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 137.7410, 12.9457,
1.1041

■ 137.7410, 12.9457,
1.1041

■ 124.4620, 19.4922,
1.3488

■ 151.0200, 6.3991,
0.8595

■ 110.5960, 26.3282,
2.1083

■ 164.8860, -0.4368,
0.1000

■ 97.6160, 32.7273,
2.9678

■ 177.8660, -6.8359,
-0.7595

■ 83.7500, 39.5632,
3.7273

■ 191.7320,
-13.6719, -1.5190

■ 70.4710, 46.1098,
3.9719

■ 205.0110,
-20.2184, -1.7636

■ 57.1920, 52.6563,
4.2166

■ 218.2900,
-26.7650, -2.0083

■ 43.3260, 59.4923,
4.9761

■ 232.1560,
-33.6009, -2.7678

■ 30.0470, 66.0388,
5.2208

■ 240.7390,
-37.8323, 1.1059

■ 29.4600, 66.3282,
5.7356

■ 244.3270,
-39.6012, 8.4832

Harmonies

Analogous

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



135.1410, 16.1995, -15.9097



137.7410, 12.9457, 1.1041



138.8200, 6.4977, 15.9439

Triad

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



137.7410, 12.9457, 1.1041



137.1740, -13.8898, 21.7724



129.6220, 3.1444, -28.6095

Complementary

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



137.7410, 12.9457, 1.1041



158.2590, -12.9457, -1.1041

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.



131.6960, -5.7661, -17.2734



137.7410, 12.9457, 1.1041



135.3530, -15.4570, 11.0914

Square

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



137.7410, 12.9457, 1.1041



138.2870, -8.5225, 26.9353



133.6610, -12.6509, -2.3337



129.6520, 11.0176, -33.8978

Rectangle

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



137.7410, 12.9457, 1.1041



138.8980, 1.5293, 22.8915



133.6610, -12.6509, -2.3337



130.1340, -0.0661, -25.5505

Sweetspot

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



137.7410, 12.9457, 1.1041



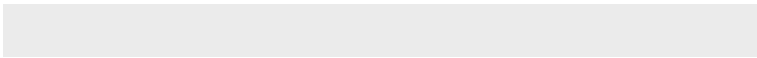
203.3790, 5.2362, 0.5446



150.3230, 6.7428, -16.0693



101.0970, 2.9102, -0.0851



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.



137.7410, 12.9457, 1.1041



173.8750, 19.7816, 1.8636



142.5250, 10.5872, 10.9406



74.6240, 3.6364, 0.3298



26.0980, 58.6187, 5.1761



3.2480, 7.2727, 0.6595

Inverse Universe

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



144.4180, 6.2029, 17.1734



183.9830, 9.3754, 26.3249



153.4750, -10.5872, -10.9406



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 137.7410, 12.9457, 1.1041 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 137.7410, 12.9457, 1.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

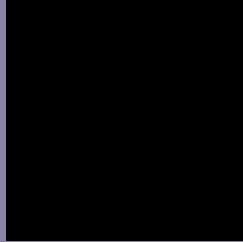
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7410, 12.9457, 1.1041

Background



This preview shows how black text looks on a background with the YUV color 137.7410, 12.9457, 1.1041.



This preview shows how white text looks on a background with the YUV color 137.7410, 12.9457, 1.1041.

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

137.7410, 12.9457, 1.1041

Protanopia

136.7400, 14.4252, -6.7880

Deuteranopia

137.4310, 13.0985, -1.2550



Tritanopia

136.5530, 4.6574, -0.4850

Trichromacy



Original Color

137.7410, 12.9457, 1.1041

Protanomaly

137.2350, 13.6881, -3.7141

Deuteranomaly

137.7300, 12.9511, -0.6402

Tritanomaly

137.0630, 7.8569, -0.0553

Monochromacy



Original Color

137.7410, 12.9457, 1.1041

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7410, 12.9457, 1.1041 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(139, 132, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 132, 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(139, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 132, 164) }
```

Border

The CSS property to change the border of an element to YUV 137.7410, 12.9457, 1.1041 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(139, 132, 164) }
```


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

```
.border{ border-color:rgb(139, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 132,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 137.7410, 12.9457, 1.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 132, 164) }
```

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

```
.background{ background-color: rgb(139,  
132, 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](#).

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