

Converting Colors

YUV(137.2810, 0.8475, 55.0046)

Have a look what the booklet for
YUV(137.2810, 0.8475, 55.0046)
contains.

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Color

**YUV(137.2810, 0.8475,
55.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	C8698B
RGB	200, 105, 139
RGB Percent	78%, 41%, 55%
CMY	0.2157, 0.5882, 0.4549
CMYK	0.00, 0.48, 0.31, 0.22
HSL	339°, 46%, 60%
HSV	339°, 48%, 78%
XYZ	33.5312, 24.2466, 27.3389
YIQ	137.2810, 45.7060, 30.7140

Conversions

Conversions Part 2

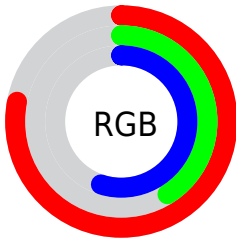
Format	Color
R_{YB}	200, 105, 139
Decimal	13134219
CIE _{Lab}	56.33, 41.51, -1.46
CIE _{LCh}	56, 41.539, 357.985
Yxy	24.2466, 0.3939, 0.2849
Android (android.graphics.Color)	4291324299 (0xFFC8698B)
YUV	137.2810, 0.8475, 55.0046
Hunter-Lab	49.2408, 35.3805, 1.5503

Details

The YUV color **137.2810, 0.8475, 55.0046** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **167.7190, -0.8475, -55.0046**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8790, 0.5527, 56.2341**, and **84.0140, 2.4581, 51.7307** is the 20% darker color. If you saturate the color by 10%, you get **124.0590, 0.9569, 66.6003**, and if you desaturate by 10%, it is **150.5030, 0.7380, 43.4089**.

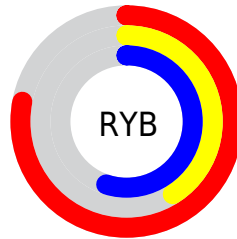
Distribution



Red (78%)

Green (41%)

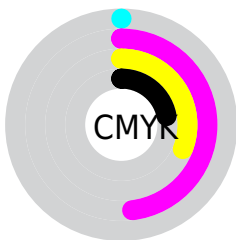
Blue (55%)



Red (78%)

Yellow (41%)

Blue (55%)

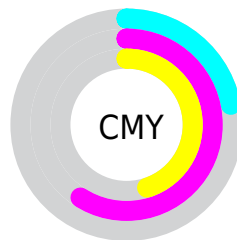


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (59%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.2810, 0.8475, 55.0046 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 137.2810, 0.8475, 55.0046 by changing the saturation by 10% instead.


 137.2810, 0.8475,
55.0046


 137.2810, 0.8475,
55.0046

255.0000, 0.0000,
0.0000


 110.4980, 1.7265,
53.0603


 190.8790, 0.5527,
56.2341

 84.0140, 2.4581,
51.7307


 210.5070, 4.6800,
39.0204


 58.0570, 3.9159,
50.8160

 230.2490, 9.2442,
21.7066

 31.6270, 6.0999,
50.3161

 247.9560, 3.4727,
6.1776

 21.4590, 0.7597,
36.4315

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 137.2810, 0.8475,
55.0046

■ 137.2810, 0.8475,
55.0046

■ 124.0590, 0.9569,
66.6003

■ 150.5030, 0.7380,
43.4089

■ 110.8370, 1.0664,
78.1960

■ 163.7250, 0.6286,
31.8132

■ 97.6150, 1.1758,
89.7916

■ 176.9470, 0.5191,
20.2175

■ 84.5070, 1.7220,
101.2874

■ 190.0550, -0.0271,
8.7218

■ 71.2850, 1.8315,
112.8831

■ 203.2770, -0.1366,
-2.8739

■ 68.0080, 1.9681,
115.7570

■ 216.4990, -0.2460,
-14.4696

■ 229.7210, -0.3555,
-26.0653

■ 237.0730, 2.4290,
-32.5130

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



139.3890, 17.0632, 33.8618



137.2810, 0.8475, 55.0046



135.5360, -16.0402, 58.2889

Triad

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



137.2810, 0.8475, 55.0046



128.2850, -29.2275, -5.5119



109.8070, 42.4931, -96.3007

Complementary

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



137.2810, 0.8475, 55.0046



167.7190, -0.8475, -55.0046

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.



108.9630, 29.1052, -95.5606



137.2810, 0.8475, 55.0046



121.9030, -13.2632, -39.3799

Square

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



137.2810, 0.8475, 55.0046



131.9790, -34.9926, 23.6974



104.7450, 12.9437, -91.8614



124.9140, 40.4684, -53.4216

Rectangle

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



137.2810, 0.8475, 55.0046



134.6740, -25.4753, 51.1519



104.7450, 12.9437, -91.8614



110.0690, 38.4200, -96.5305

Sweetspot

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



137.2810, 0.8475, 55.0046



231.2460, 0.3717, 20.8323



133.7700, 32.6514, 27.3887



113.4900, 0.2514, 12.7253



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.2810, 0.8475, 55.0046



159.2830, 1.3395, 83.9438



141.0360, -17.7657, 51.7114



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Inverse Universe

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



137.2810, 0.8475, 55.0046



159.2830, 1.3395, 83.9438



163.9640, 17.7657, -51.7114



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 137.2810, 0.8475, 55.0046 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 137.2810, 0.8475, 55.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

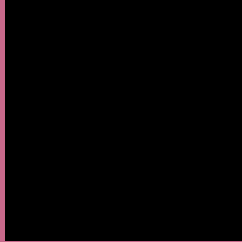
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2810, 0.8475, 55.0046

Background



This preview shows how black text looks on a background with the YUV color 137.2810, 0.8475, 55.0046.



This preview shows how white text looks on a background with the YUV color 137.2810, 0.8475,

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

137.2810, 0.8475, 55.0046

Protanopia

135.7250, 10.4886, -4.1438

Deuteranopia

136.8380, -0.9061, 10.6661



Tritanopia

136.5230, -9.6248, 53.9153

Trichromacy



Original Color

137.2810, 0.8475, 55.0046

Protanomaly

135.9450, 6.9291, 17.5882

Deuteranomaly

137.3500, -0.6655, 26.8801

Tritanomaly

137.1470, -5.9885, 54.2451

Monochromacy



Original Color

137.2810, 0.8475, 55.0046

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9470, 0.5191, 20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2810, 0.8475, 55.0046 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(200, 105, 139)` looks like.

```
.text, #text, p{  
    color:rgb(200, 105, 139)  
}
```

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(200, 105, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 105, 139) }
```

Border

The CSS property to change the border of an element to YUV 137.2810, 0.8475, 55.0046 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(200, 105, 139) }
```


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

```
.border{ border-color:rgb(200, 105, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 105, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 105, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 105, 139);  
box-shadow:4px 4px 4px 4px rgb(200, 105,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 137.2810, 0.8475, 55.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 105, 139) }
```

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

```
.background{ background-color: rgb(200,  
105, 139) }
```

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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