

Converting Colors

YUV(138.3180, 4.7732, 55.8491)

Have a look what the booklet for
YUV(138.3180, 4.7732, 55.8491)
contains.

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Color

**YUV(138.3180, 4.7732,
55.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6894
RGB	202, 104, 148
RGB Percent	79%, 41%, 58%
CMY	0.2078, 0.5922, 0.4196
CMYK	0.00, 0.49, 0.27, 0.21
HSL	333°, 48%, 60%
HSV	333°, 49%, 79%
XYZ	34.6527, 24.5953, 30.9379
YIQ	138.3180, 44.2840, 34.4600

Conversions

Conversions Part 2

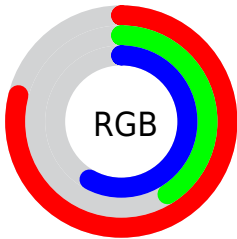
Format	Color
R _Y B	202, 104, 148
Decimal	13265044
CIE Lab	56.68, 43.92, -6.18
CIE LCh	57, 44.354, 351.996
Yxy	24.5953, 0.3842, 0.2727
Android (android.graphics.Color)	4291455124 (0xFFCA6894)
YUV	138.3180, 4.7732, 55.8491
Hunter-Lab	49.5937, 37.9350, -2.2712

Details

The YUV color **138.3180, 4.7732, 55.8491** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.6820, -4.7732, -55.8491**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0190, 4.9206, 55.2343**, and **84.9370, 5.9471, 52.6753** is the 20% darker color. If you saturate the color by 10%, you get **125.3240, 5.7563, 67.2449**, and if you desaturate by 10%, it is **151.3120, 3.7902, 44.4534**.

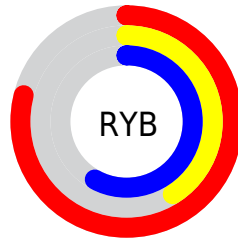
Distribution



Red (79%)

Green (41%)

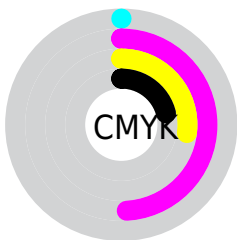
Blue (58%)



Red (79%)

Yellow (41%)

Blue (58%)

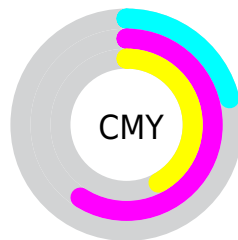


Cyan (0%)

Magenta (49%)

Yellow (27%)

Black (21%)



Cyan (21%)


Magenta (59%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3180, 4.7732, 55.8491 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 138.3180, 4.7732, 55.8491 by changing the saturation by 10% instead.


 138.3180, 4.7732,
55.8491


 138.3180, 4.7732,
55.8491

255.0000, 0.0000,
0.0000


 111.4210, 5.2154,
54.0048

 192.0190, 4.9206,
55.2343


 84.9370, 5.9471,
52.6753

 211.0600, 9.3374,
38.5354


 57.8060, 7.9836,
52.7901

 230.9330, 11.8650,
21.1068

 33.0230, 8.8627,
50.8458

 247.9560, 3.4727,
6.1776

 22.8550, 3.5225,
36.9612

 12.7860, -5.3175,
25.6207

 0.0000, 0.0000,

0.0000

■ 138.3180, 4.7732,
55.8491

■ 138.3180, 4.7732,
55.8491

■ 125.3240, 5.7563,
67.2449

■ 151.3120, 3.7902,
44.4534

■ 112.3300, 6.7393,
78.6406

■ 164.3060, 2.8071,
33.0576

■ 98.7490, 8.0117,
90.5511

■ 177.8870, 1.5347,
21.1471

■ 85.6410, 8.5580,
102.0468

■ 190.9950, 0.9885,
9.6514

■ 72.6470, 9.5410,
113.4426

■ 203.9890, 0.0054,
-1.7444

■ 70.7720, 9.9724,
115.0870

■ 216.9830, -0.9776,
-13.1401

■ 229.9770, -1.9607,
-24.5358

■ 237.1010, -0.0498,
-30.7836

■ 238.3550, 4.7550,
-31.8833

Harmonies

Analogous

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



140.5070, 21.4420, 29.3734



138.3180, 4.7732, 55.8491



136.2530, -13.4357, 62.9221

Triad

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



138.3180, 4.7732, 55.8491



129.1780, -33.6118, 0.7209



111.5680, 41.6250, -97.8451

Complementary

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



138.3180, 4.7732, 55.8491



167.6820, -4.7732, -55.8491

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.



109.6810, 26.7793, -96.1902



138.3180, 4.7732, 55.8491



123.6710, -18.0788, -34.7915

Square

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



138.3180, 4.7732, 55.8491



132.7410, -37.3403, 30.0451



105.1210, 9.3073, -92.1911



113.7900, 48.4175, -83.1308

Rectangle

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



138.3180, 4.7732, 55.8491



135.6470, -24.4760, 57.3146



105.1210, 9.3073, -92.1911



111.1290, 37.4044, -97.4601

Sweetspot

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



138.3180, 4.7732, 55.8491



230.3000, 1.8241, 21.6619



131.3180, 34.8462, 23.4001



113.0170, 0.9776, 13.1401



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.



138.3180, 4.7732, 55.8491



158.8900, 7.4492, 84.2885



136.2370, -15.8928, 57.6742



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Inverse Universe

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



138.3180, 4.7732, 55.8491



158.8900, 7.4492, 84.2885



169.7630, 15.8928, -57.6742



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 138.3180, 4.7732, 55.8491 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 138.3180, 4.7732, 55.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

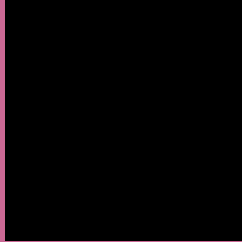
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.3180, 4.7732, 55.8491

Background



This preview shows how black text looks on a background with the YUV color 138.3180, 4.7732, 55.8491.



This preview shows how white text looks on a background with the YUV color 138.3180, 4.7732,

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

138.3180, 4.7732, 55.8491

Protanopia

136.9680, 15.2988, -6.9879

Deuteranopia

137.7390, 2.5937, 8.1219



Tritanopia

137.5230, -9.6248, 53.9153

Trichromacy



Original Color

138.3180, 4.7732, 55.8491

Protanomaly

137.7860, 11.4445, 15.9737

Deuteranomaly

138.0770, 3.4130, 25.3655

Tritanomaly

137.9020, -4.3887, 54.4599

Monochromacy



Original Color

138.3180, 4.7732, 55.8491

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3180, 4.7732, 55.8491 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(202, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 104, 148)  
}
```

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(202, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 104, 148) }
```

Border

The CSS property to change the border of an element to YUV 138.3180, 4.7732, 55.8491 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(202, 104, 148) }
```


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

```
.border{ border-color:rgb(202, 104, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 104, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 104,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 138.3180, 4.7732, 55.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 104, 148) }
```

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

```
.background{ background-color: rgb(202,  
104, 148) }
```

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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