

Converting Colors

YUV(153.6820, 2.6218, 45.8829)

Have a look what the booklet for
YUV(153.6820, 2.6218, 45.8829)
contains.

YUV(153.6820, 2.6218, 45.8829)	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(153.6820, 2.6218,
45.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7E9F
RGB	206, 126, 159
RGB Percent	81%, 49%, 62%
CMY	0.1922, 0.5059, 0.3765
CMYK	0.00, 0.39, 0.23, 0.19
HSL	335°, 45%, 65%
HSV	335°, 39%, 81%
XYZ	39.1725, 30.5467, 36.6324
YIQ	153.6820, 37.0870, 27.2230

Conversions

Conversions Part 2

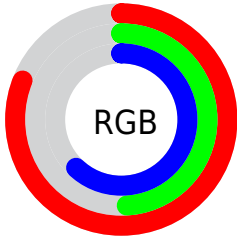
Format	Color
R_{YB}	206, 126, 159
Decimal	13532831
CIE Lab	62.12, 35.35, -4.41
CIE LCh	62, 35.628, 352.896
Yxy	30.5467, 0.3683, 0.2872
Android (android.graphics.Color)	4291722911 (0xFFCE7E9F)
YUV	153.6820, 2.6218, 45.8829
Hunter-Lab	55.2691, 29.7926, -0.6091

Details

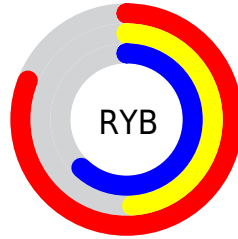
The YUV color **153.6820, 2.6218, 45.8829** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.3180, -2.6218, -45.8829**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3010, 3.7956, 42.7090**, and **101.1870, 3.3588, 42.8090** is the 20% darker color. If you saturate the color by 10%, you get **139.9870, 3.4574, 57.8934**, and if you desaturate by 10%, it is **167.3770, 1.7861, 33.8724**.

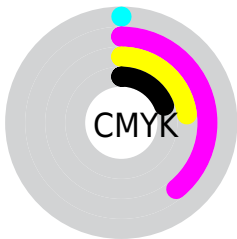
Distribution



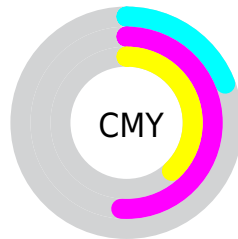
- Red (81%)
- Green (49%)
- Blue (62%)



- Red (81%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.6820, 2.6218, 45.8829 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 153.6820, 2.6218, 45.8829 by changing the saturation by 10% instead.


 153.6820, 2.6218,
45.8829


 153.6820, 2.6218,
45.8829

255.0000, 0.0000,
0.0000

 127.0840, 2.9166,
44.6533


 206.3010, 3.7956,
42.7090


 101.1870, 3.3588,
42.8090


 225.9290, 7.9230,
25.4953

 75.5890, 3.6536,
41.5794

 243.8470, 5.4984,
9.7812

 50.2190, 4.8220,
40.1499

 25.6750, 6.5692,
39.7500

 16.4040, 0.7868,
27.7097

 1.1960, -0.5896,

2.4591

0.0000, 0.0000,
0.0000

153.6820, 2.6218,
45.8829

153.6820, 2.6218,
45.8829

139.9870, 3.4574,
57.8934

167.3770, 1.7861,
33.8724

126.8790, 4.0037,
69.3891

180.4850, 1.2399,
22.3767

113.1840, 4.8393,
81.3996

194.1800, 0.4043,
10.3661

100.0760, 5.3855,
92.8953

207.2880, -0.1420,
-1.1296

86.2670, 5.7844,
105.0058

221.0970, -0.5408,
-13.2401

■ 72.5720, 6.6200,
117.0164

■ 234.7920, -1.3765,
-25.2506

■ 71.2840, 6.7620,
118.1459

■ 239.0950, 2.4182,
-29.0243

■ 240.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



154.3340, 17.0903, 25.1401



153.6820, 2.6218, 45.8829



152.1160, -12.3822, 51.6413

Triad

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



153.6820, 2.6218, 45.8829



145.6000, -26.9178, 0.3508



125.0590, 36.9459, -90.3827

Complementary

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



153.6820, 2.6218, 45.8829



178.3180, -2.6218, -45.8829

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.



117.8650, 27.6746, -103.3676



153.6820, 2.6218, 45.8829



140.9260, -14.7535, -27.9991

Square

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



153.6820, 2.6218, 45.8829



148.5430, -30.3407, 24.9568



133.2500, 3.8207, -58.9783



142.6500, 34.1896, -46.1740

Rectangle

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



153.6820, 2.6218, 45.8829



150.9170, -20.6651, 48.3078



133.2500, 3.8207, -58.9783



118.7430, 36.1157, -104.1376

Sweetspot

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



153.6820, 2.6218, 45.8829



234.7510, 1.1088, 17.7584



149.1730, 28.0157, 20.8963



116.1800, 0.4043, 10.3661



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.



153.6820, 2.6218, 45.8829



176.5800, 4.1511, 68.7743



154.0290, -13.8183, 45.5786



95.4460, 0.2731, 5.7479



57.3860, 5.2327, 95.2545



13.1860, 1.3873, 21.7619

Inverse Universe

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



153.6820, 2.6218, 45.8829



176.5800, 4.1511, 68.7743



177.9710, 13.8183, -45.5786



95.4460, 0.2731, 5.7479



57.3860, 5.2327, 95.2545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 153.6820, 2.6218, 45.8829 looks on a white background.

Color Contrast Check

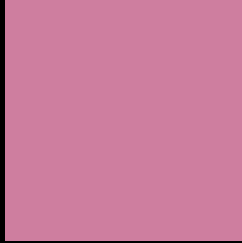
Large Text (above 18pt) WCAG AA × Fail

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 153.6820, 2.6218, 45.8829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

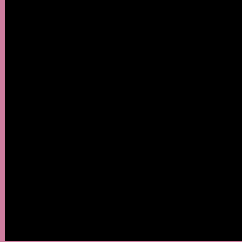
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.6820, 2.6218, 45.8829

Background



This preview shows how black text looks on a background with the YUV color 153.6820, 2.6218, 45.8829.



This preview shows how white text looks on a background with the YUV color 153.6820, 2.6218,

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

153.6820, 2.6218, 45.8829

Protanopia

150.9530, 11.3622, -4.3438

Deuteranopia

152.1090, 1.4253, 9.5514



Tritanopia

153.1520, -6.9769, 44.5937

Trichromacy



Original Color

153.6820, 2.6218, 45.8829

Protanomaly

152.2650, 8.2504, 13.7996

Deuteranomaly

152.8980, 1.5293, 22.8915

Tritanomaly

153.6620, -3.7774, 45.0234

Monochromacy



Original Color

153.6820, 2.6218, 45.8829

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0390, 0.9668, 16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6820, 2.6218, 45.8829 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(206, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(206, 126, 159)  
}
```

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(206, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 126, 159) }
```

Border

The CSS property to change the border of an element to YUV 153.6820, 2.6218, 45.8829 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(206, 126, 159) }
```


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

```
.border{ border-color:rgb(206, 126, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 126, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(206, 126,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 153.6820, 2.6218, 45.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 126, 159) }
```

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

```
.background{ background-color: rgb(206,  
126, 159) }
```

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