

Converting Colors

YUV(132.1440, 45.7780,
63.8947)

Have a look what the booklet for
YUV(132.1440, 45.7780, 63.8947)
contains.

YUV(132.1440, 45.7780, 63.8947)	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(132.1440, 45.7780,
63.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4DE1
RGB	205, 77, 225
RGB Percent	80%, 30%, 88%
CMY	0.1961, 0.6980, 0.1176
CMYK	0.09, 0.66, 0.00, 0.12
HSL	292°, 71%, 59%
HSV	292°, 66%, 88%
XYZ	41.4213, 23.7231, 73.6300
YIQ	132.1440, 28.7800, 73.1640

Conversions

Conversions Part 2

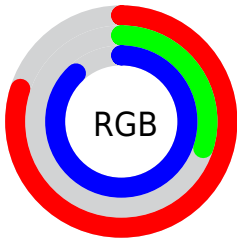
Format	Color
R_{YB}	205, 77, 225
Decimal	13454817
CIE _{Lab}	55.81, 69.56, -51.74
CIE _{LCh}	56, 86.689, 323.357
Yxy	23.7231, 0.2985, 0.1709
Android (android.graphics.Color)	4291644897 (0xFFCD4DE1)
YUV	132.1440, 45.7780, 63.8947
Hunter-Lab	48.7064, 66.5653, -55.5349

Details

The YUV color **132.1440, 45.7780, 63.8947** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **169.8560, -45.7780, -63.8947**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 35.0163, 62.2907**, and **63.2190, 52.1500, 73.4759** is the 20% darker color. If you saturate the color by 10%, you get **118.3330, 52.5868, 73.3760**, and if you desaturate by 10%, it is **146.5420, 38.6798, 53.8987**.

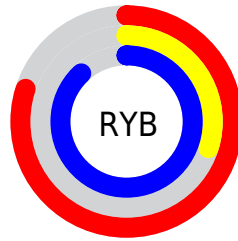
Distribution



Red (80%)

Green (30%)

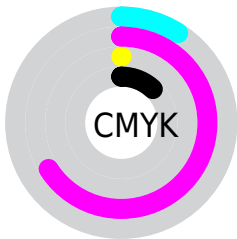
Blue (88%)



Red (80%)

Yellow (30%)

Blue (88%)

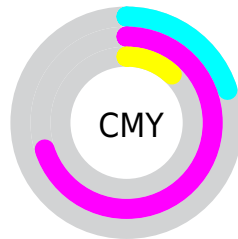


Cyan (9%)

Magenta (66%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (70%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.1440, 45.7780, 63.8947 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 132.1440, 45.7780, 63.8947 by changing the saturation by 10% instead.

132.1440, 45.7780,
63.8947

132.1440, 45.7780,
63.8947

255.0000, 0.0000,
0.0000

102.0840, 46.7936,
64.8243

183.9730, 35.0163,
62.2907

63.2190, 52.1500,
73.4759

200.9960, 26.6240,
47.3615

51.7690, 44.4839,
58.9616

218.0190, 18.2316,
32.4323

40.4330, 37.2545,
44.3473

235.0420, 9.8393,
17.5032

29.0970, 30.0252,
29.7329

252.6520, 1.1576,
2.0592

18.2880, 23.5220,
15.5334

4.9020, 18.7823,

-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 132.1440, 45.7780,
63.8947

■ 132.1440, 45.7780,
63.8947

■ 118.3330, 52.5868,
73.3760

■ 146.5420, 38.6798,
53.8987

■ 103.9350, 59.6850,
83.3720

■ 160.3530, 31.8710,
44.4174

■ 90.1240, 66.4939,
92.8533

■ 174.7510, 24.7728,
34.4214

■ 83.9550, 69.5352,
97.3865

■ 188.5620, 17.9639,
24.9401

■ 202.9600, 10.8657,
14.9441

■ 216.7710, 4.0569,
5.4628

■ 231.1690, -3.0413,
-4.5332

■ 243.8060, -9.2714,
-12.9849

■ 244.7030, -9.7136,
-11.1405

Harmonies

Analogous

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



121.9240, 65.6065, -42.9063



132.1440, 45.7780, 63.8947



98.4970, 27.3630, 137.2531

Triad

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



132.1440, 45.7780, 63.8947



125.9990, -62.1175, 43.8509



118.7430, 36.1157, -104.1376

Complementary

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



132.1440, 45.7780, 63.8947



169.8560, -45.7780, -63.8947

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.



109.2640, 2.3348, -95.8245



132.1440, 45.7780, 63.8947



117.9830, -58.1656, -10.5091

Square

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



132.1440, 45.7780, 63.8947



120.1270, -59.2226, 95.4816



96.5250, -33.7828, -84.6524



124.1640, 64.5021, -108.8918

Rectangle

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



132.1440, 45.7780, 63.8947



90.4490, 6.6806, 144.3112



96.5250, -33.7828, -84.6524



115.8930, 25.1958, -101.6382

Sweetspot

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



132.1440, 45.7780, 63.8947



222.9700, 15.7908, 21.9513



106.7860, 58.2795, -26.1223



108.3080, 9.7082, 12.8849



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.



132.1440, 45.7780, 63.8947



128.9400, 62.1476, 86.8756



132.1960, 20.1164, 81.3891



105.2440, 3.3307, 5.0480



65.5120, 54.4706, 75.8500



18.0300, 14.7752, 21.0217

Inverse Universe

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



123.5320, -13.0803, 88.9874



117.1770, -17.8353, 120.8708



169.8040, -20.1164, -81.3891



104.4030, -1.1847, 6.6626



55.3600, -15.4605, 105.8013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 132.1440, 45.7780, 63.8947 looks on a white background.

Color Contrast Check

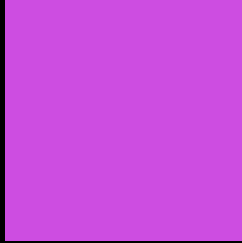
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.1440, 45.7780, 63.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

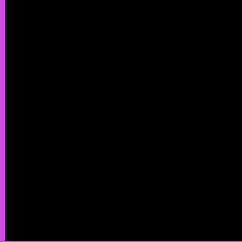
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.1440, 45.7780, 63.8947

Background



This preview shows how black text looks on a background with the YUV color 132.1440, 45.7780, 63.8947.



This preview shows how white text looks on a background with the YUV color 132.1440, 45.7780,

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

132.1440, 45.7780, 63.8947

Protanopia

124.2170, 64.4760, -53.6873

Deuteranopia

129.1810, 42.3088, -36.9927



Tritanopia

135.1310, -8.4456, 48.9971

Trichromacy



Original Color

132.1440, 45.7780, 63.8947



Protanomaly

127.3580, 57.5045, -10.8380



Deuteranomaly

130.1670, 43.7947, -0.1465



Tritanomaly

134.0280, 11.3252, 54.3494

Monochromacy



Original Color

132.1440, 45.7780, 63.8947



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.2090, 16.6590, 23.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1440, 45.7780, 63.8947 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(205, 77, 225)` looks like.

```
.text, #text, p{  
    color:rgb(205, 77, 225)  
}
```

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(205, 77, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 77, 225) }
```

Border

The CSS property to change the border of an element to YUV 132.1440, 45.7780, 63.8947 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(205, 77, 225) }
```


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

```
.border{ border-color:rgb(205, 77, 225) }
```

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

Here you see how a box with a 4 pixel rgb(205, 77, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 77, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 77, 225);  
box-shadow:4px 4px 4px 4px rgb(205, 77,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 132.1440, 45.7780, 63.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 77, 225) }
```

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

```
.background{ background-color: rgb(205, 77,  
225) }
```

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