

Converting Colors

YUV(173.0960, 11.2917,
18.3328)

Have a look what the booklet for
YUV(173.0960, 11.2917, 18.3328)
contains.

YUV(173.0960, 11.2917, 18.3328)	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(173.0960, 11.2917,
18.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	C29EC4
RGB	194, 158, 196
RGB Percent	76%, 62%, 77%
CMY	0.2392, 0.3804, 0.2314
CMYK	0.01, 0.19, 0.00, 0.23
HSL	297°, 24%, 69%
HSV	297°, 19%, 77%
XYZ	44.4388, 39.9086, 57.5855
YIQ	173.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

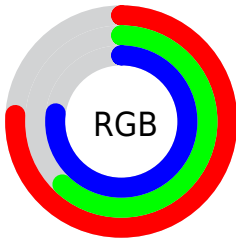
Format	Color
RYB	194, 158, 196
Decimal	12754628
CIELab	69.40, 19.95, -14.49
CIElCh	69, 24.656, 324.007
Yxy	39.9086, 0.3131, 0.2812
Android (android.graphics.Color)	4290944708 (0xFFC29EC4)
YUV	173.0960, 11.2917, 18.3328
Hunter-Lab	63.1732, 15.0115, -9.8245

Details

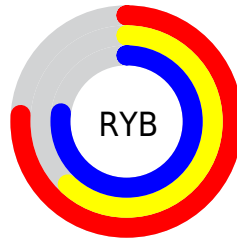
The YUV color **173.0960, 11.2917, 18.3328** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.9040, -11.2917, -18.3328**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9220, 11.8705, 19.3624**, and **120.2700, 10.7129, 17.3032** is the 20% darker color. If you saturate the color by 10%, you get **161.0570, 17.2269, 28.0140**, and if you desaturate by 10%, it is **185.1350, 5.3564, 8.6516**.

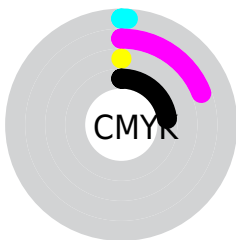
Distribution



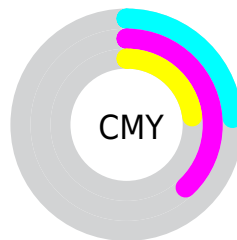
- Red (76%)
- Green (62%)
- Blue (77%)



- Red (76%)
- Yellow (62%)
- Blue (77%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)




- Cyan (24%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.0960, 11.2917, 18.3328 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 173.0960, 11.2917, 18.3328 by changing the saturation by 10% instead.


 173.0960, 11.2917,
18.3328


 173.0960, 11.2917,
18.3328


255.0000, 0.0000,
0.0000

 146.6830, 11.0023,
17.8180


 228.9220, 11.8705,
19.3624

 120.2700, 10.7129,
17.3032

 246.7820, 4.0515,
7.2072

 95.5580, 10.5709,
16.1736

 71.7320, 9.9921,
15.1440

 48.3190, 9.7027,
14.6292

 26.9060, 9.4133,
14.1144

 10.1400, 7.8190,

12.1552

■ 0.0000, 0.0000,
0.0000

■ 173.0960, 11.2917,
18.3328

■ 173.0960, 11.2917,
18.3328

■ 161.0570, 17.2269,
28.0140

■ 185.1350, 5.3564,
8.6516

■ 149.6050, 22.8727,
37.1804

■ 196.5870, -0.2894,
-0.5148

■ 137.5660, 28.8080,
46.8616

■ 208.6260, -6.2246,
-10.1960

■ 126.1140, 34.4538,
56.0280

■ 220.0780,
-11.8705, -19.3624

■ 114.0750, 40.3890,
65.7092

■ 231.5300,
-17.5163, -28.5288

102.0360, 46.3243,
75.3904

231.8290,
-17.6637, -27.9140

90.5840, 51.9701,
84.5568

232.1280,
-17.8111, -27.2993

78.5450, 57.9053,
94.2380

232.4270,
-17.9585, -26.6845

77.9580, 58.1947,
94.7528

232.7260,
-18.1059, -26.0697

Harmonies

Analogous

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



170.7280, 19.3611, -3.2695



173.0960, 11.2917, 18.3328



173.4370, 0.7706, 32.9428

Triad

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



173.0960, 11.2917, 18.3328



168.5020, -21.4465, 18.8537



159.2480, 13.6817, -48.4525

Complementary

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



173.0960, 11.2917, 18.3328



180.9040, -11.2917, -18.3328

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.



160.8120, 1.5717, -37.5461



173.0960, 11.2917, 18.3328



166.6630, -19.0609, 0.2955

Square

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



173.0960, 11.2917, 18.3328



170.5020, -17.9955, 32.0087



163.5340, -10.1233, -19.7623



161.6320, 21.3804, -44.4043

Rectangle

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



173.0960, 11.2917, 18.3328



172.3360, -6.0816, 37.4163



163.5340, -10.1233, -19.7623



159.2330, 9.7451, -45.8083

Sweetspot

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



173.0960, 11.2917, 18.3328



245.8960, 4.4883, 7.1072



164.0930, 15.7302, -5.3436



122.4180, 2.7519, 4.0184



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.



173.0960, 11.2917, 18.3328



219.4700, 17.5163, 28.5288



171.8700, 4.0081, 21.1620



90.8310, 3.0413, 4.5332



63.8020, 47.9186, 77.3496



13.0310, 9.8447, 15.7588

Inverse Universe

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



169.5900, -4.7279, 23.1616



213.9830, -7.3866, 35.9719



182.1300, -4.0081, -21.1620



90.1040, -1.0373, 6.0478



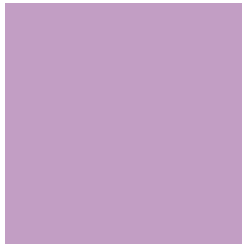
49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 173.0960, 11.2917, 18.3328 looks on a white background.

Color Contrast Check

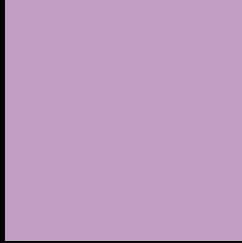
Large Text (above 18pt) WCAG AA × Fail

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 173.0960, 11.2917, 18.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

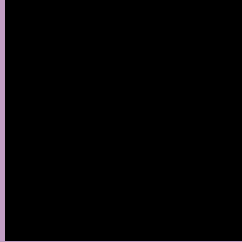
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0960, 11.2917, 18.3328

Background



This preview shows how black text looks on a background with the YUV color 173.0960, 11.2917, 18.3328.



This preview shows how white text looks on a background with the YUV color 173.0960, 11.2917, 18.3328.

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

173.0960, 11.2917, 18.3328

Protanopia

170.1960, 16.1724, -7.1879

Deuteranopia

171.1110, 11.7773, 2.5337



Tritanopia

172.0390, 0.9668, 16.6288

Trichromacy



Original Color

173.0960, 11.2917, 18.3328

Protanomaly

171.0940, 14.2507, 2.5486

Deuteranomaly

171.4430, 11.6136, 8.3815

Tritanomaly

172.6630, 4.6031, 16.9585

Monochromacy



Original Color

173.0960, 11.2917, 18.3328

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0960, 11.2917, 18.3328 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(194, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 196)  
}
```

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(194, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 196) }
```

Border

The CSS property to change the border of an element to YUV 173.0960, 11.2917, 18.3328 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(194, 158, 196) }
```


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

```
.border{ border-color:rgb(194, 158, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 173.0960, 11.2917, 18.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 196) }
```

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

```
.background{ background-color: rgb(194,  
158, 196) }
```

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