

Converting Colors

YUV(172.9280, -7.3595,
27.2501)

Have a look what the booklet for
YUV(172.9280, -7.3595, 27.2501)
contains.

YUV(172.9280, -7.3595, 27.2501)	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(172.9280, -7.3595,
27.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA09E
RGB	204, 160, 158
RGB Percent	80%, 63%, 62%
CMY	0.2000, 0.3725, 0.3804
CMYK	0.00, 0.22, 0.23, 0.20
HSL	3°, 31%, 71%
HSV	3°, 23%, 80%
XYZ	43.6442, 40.4476, 37.8546
YIQ	172.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

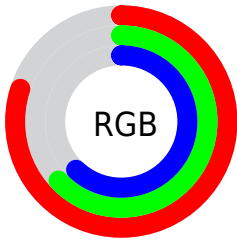
Format	Color
RYB	204, 160, 158
Decimal	13410462
CIELab	69.79, 15.97, 7.28
CIELCh	70, 17.552, 24.495
Yxy	40.4476, 0.3579, 0.3317
Android (android.graphics.Color)	4291600542 (0xFFCCA09E)
YUV	172.9280, -7.3595, 27.2501
Hunter-Lab	63.5984, 11.1977, 9.2287

Details

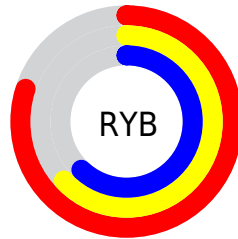
The YUV color $172.9280, -7.3595, 27.2501$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $189.0720, 7.3595, -27.2501$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.7320, -6.7699, 24.7910$, and $120.1450, -6.4805, 25.3058$ is the 20% darker color. If you saturate the color by 10%, you get $158.9080, -10.3076, 39.5457$, and if you desaturate by 10%, it is $186.9480, -4.4114, 14.9546$.

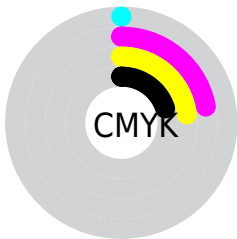
Distribution



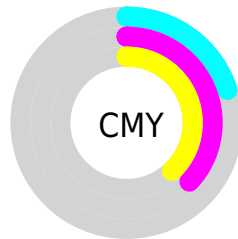
- Red (80%)
- Green (63%)
- Blue (62%)



- Red (80%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.9280, -7.3595, 27.2501 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 172.9280, -7.3595, 27.2501 by changing the saturation by 10% instead.


 172.9280, -7.3595,
27.2501

 172.9280, -7.3595,
27.2501


255.0000, 0.0000,
0.0000


 146.3300, -7.0647,
26.0206


 226.7320, -6.7699,
24.7910


 120.1450, -6.4805,
25.3058

 246.3600, -2.6425,
7.5773

 95.5470, -6.1857,
24.0763

 71.0630, -5.4541,
22.7467

 48.1660, -5.0118,
20.9024

 26.5680, -4.7170,
19.6729

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 172.9280, -7.3595,
27.2501

■ 172.9280, -7.3595,
27.2501

■ 158.9080,
-10.3076, 39.5457

■ 186.9480, -4.4114,
14.9546

■ 145.3610,
-13.9820, 51.4264

■ 200.4950, -0.7370,
3.0739

■ 131.3410,
-16.9301, 63.7219

■ 214.5150, 2.2111,
-9.2217

■ 117.7940,
-20.6044, 75.6027

■ 228.0620, 5.8854,
-21.1024

■ 103.7740,
-23.5526, 87.8982

■ 239.7510, 7.5178,
-31.3536

■ 90.3410, -26.7901,
99.6789

■ 76.2070, -30.1751,
112.0745

■ 66.2790, -32.6755,
120.7813

Harmonies

Analogous

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



173.8550, 0.0715, 23.8062



172.9280, -7.3595, 27.2501



171.7120, -13.1690, 23.9316

Triad

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



172.9280, -7.3595, 27.2501



166.9630, -7.3768, -13.9996



169.1300, 16.2049, -17.6540

Complementary

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



172.9280, -7.3595, 27.2501



189.0720, 7.3595, -27.2501

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.



166.0100, 14.7851, -28.9498



172.9280, -7.3595, 27.2501



165.0630, 0.9549, -26.3653

Square

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



172.9280, -7.3595, 27.2501



168.7430, -13.6773, 0.2254



164.2070, 9.2649, -31.7535



171.5450, 13.5353, -1.3550

Rectangle

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



172.9280, -7.3595, 27.2501



171.0980, -15.3313, 17.4541



164.2070, 9.2649, -31.7535



167.8090, 16.3632, -21.7575

Sweetspot

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



172.9280, -7.3595, 27.2501



242.9690, -2.9427, 10.5512



176.7700, 12.4384, 23.8807



120.8760, -1.9109, 6.2477



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.



172.9280, -7.3595, 27.2501



208.3920, -11.0393, 40.8752



186.4290, -14.0155, 15.4098



94.9900, -1.4741, 6.1478



53.7430, -26.4953, 98.4494



12.5360, -6.1802, 22.3319

Inverse Universe

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



189.0720, 7.3595, -27.2501



232.6080, 11.0393, -40.8752



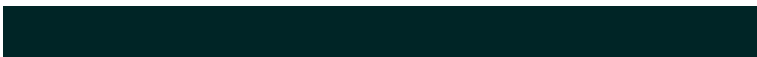
175.5710, 14.0155, -15.4098



99.0100, 1.4741, -6.1478



112.2570, 26.4953, -98.4494



26.0510, 5.8909, -22.8467

Previews

White Background



This preview shows how the YUV color 172.9280, -7.3595, 27.2501 looks on a white background.

Color Contrast Check

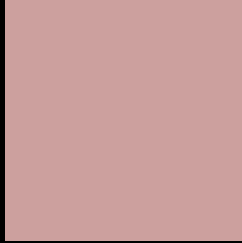
Large Text (above 18pt) WCAG AA × Fail

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 172.9280, -7.3595, 27.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

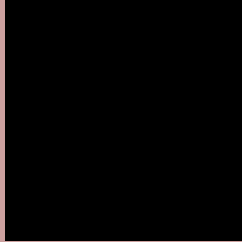
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9280, -7.3595, 27.2501

Background



This preview shows how black text looks on a background with the YUV color 172.9280, -7.3595, 27.2501.



This preview shows how white text looks on a background with the YUV color 172.9280, -7.3595,

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

172.9280, -7.3595, 27.2501

Protanopia

170.9960, -3.9420, 4.3885

Deuteranopia

172.1610, -7.4744, 17.3988



Tritanopia

173.4210, -1.6866, 27.6948

Trichromacy



Original Color

172.9280, -7.3595, 27.2501

Protanomaly

171.4100, -5.1321, 12.7954

Deuteranomaly

172.1830, -7.4852, 20.8875

Tritanomaly

173.5520, -3.7231, 27.5799

Monochromacy



Original Color

172.9280, -7.3595, 27.2501

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7840, -2.3585, 9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9280, -7.3595, 27.2501 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(204, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 160, 158)  
}
```

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(204, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 160, 158) }
```

Border

The CSS property to change the border of an element to YUV 172.9280, -7.3595, 27.2501 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(204, 160, 158) }
```


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

```
.border{ border-color:rgb(204, 160, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 160,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 172.9280, -7.3595, 27.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 160, 158) }
```

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

```
.background{ background-color: rgb(204,  
160, 158) }
```

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