

Converting Colors

YUV(172.6420, -10.1765,
44.1640)

Have a look what the booklet for
YUV(172.6420, -10.1765, 44.1640)
contains.

YUV(172.6420, -10.1765, 44.1640)	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(172.6420, -10.1765,
44.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9798
RGB	223, 151, 152
RGB Percent	87%, 59%, 60%
CMY	0.1255, 0.4078, 0.4039
CMYK	0.00, 0.32, 0.32, 0.13
HSL	359°, 53%, 73%
HSV	359°, 32%, 87%
XYZ	47.1655, 40.0882, 34.9577
YIQ	172.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

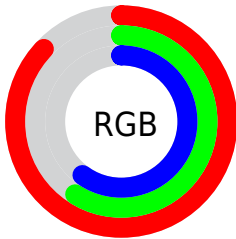
Format	Color
R _Y B	223, 151, 152
Decimal	14653336
CIE Lab	69.53, 27.18, 10.52
CIE LCh	70, 29.143, 21.162
Yxy	40.0882, 0.3859, 0.3280
Android (android.graphics.Color)	4292843416 (0xFFDF9798)
YUV	172.6420, -10.1765, 44.1640
Hunter-Lab	63.3152, 22.1687, 11.5854

Details

The YUV color **172.6420, -10.1765, 44.1640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.3580, 10.1765, -44.1640**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6510, -7.2229, 30.1241**, and **119.2610, -9.0027, 40.9901** is the 20% darker color. If you saturate the color by 10%, you get **157.2200, -13.4195, 57.6891**, and if you desaturate by 10%, it is **188.0640, -6.9336, 30.6389**.

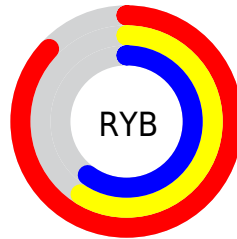
Distribution



Red (87%)

Green (59%)

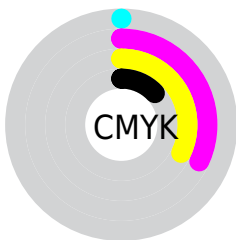
Blue (60%)



Red (87%)

Yellow (59%)

Blue (60%)

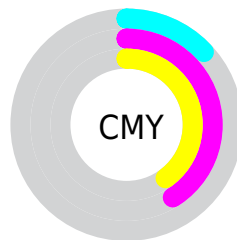


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (13%)



Cyan (13%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6420, -10.1765, 44.1640 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 172.6420, -10.1765, 44.1640 by changing the saturation by 10% instead.

■ 172.6420,
-10.1765, 44.1640

■ 172.6420,
-10.1765, 44.1640

255.0000, 0.0000,
0.0000

■ 145.7450, -9.7343,
42.3196

■ 220.6510, -7.2229,
30.1241

■ 119.2610, -9.0027,
40.9901

■ 240.2790, -3.0955,
12.9103

■ 94.0650, -8.4130,
38.5310

■ 69.6950, -7.2446,
37.1015

■ 45.6130, -6.2182,
34.5424

■ 21.5420, -5.1972,
33.7277

■ 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 172.6420,
-10.1765, 44.1640

■ 172.6420,
-10.1765, 44.1640

■ 157.2200,
-13.4195, 57.6891

■ 188.0640, -6.9336,
30.6389

■ 141.2110,
-16.3730, 71.7290

■ 204.0730, -3.9800,
16.5990

■ 125.7890,
-19.6160, 85.2540

■ 219.4950, -0.7370,
3.0739

■ 110.3670,
-22.8589, 98.7791

■ 234.9170, 2.5059,
-10.4512

■ 94.3580, -25.8125,
112.8190

■ 245.4320, 4.7170,
-19.6729

■ 78.9360, -29.0554,
126.3441

■ 67.0190, -31.5614,
136.7953

Harmonies

Analogous

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



173.9260, 2.5015, 37.7759



172.6420, -10.1765, 44.1640



171.2640, -20.3432, 38.3565

Triad

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



172.6420, -10.1765, 44.1640



162.7250, -13.1754, -20.8068



164.9950, 27.6105, -35.9526

Complementary

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



172.6420, -10.1765, 44.1640



201.3580, 10.1765, -44.1640

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.



157.9940, 25.6390, -56.9997



172.6420, -10.1765, 44.1640



158.9530, 1.0092, -43.8088

Square

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



172.6420, -10.1765, 44.1640



166.3490, -22.8501, 2.3249



155.7520, 15.8983, -59.4185



171.1450, 23.5925, -7.1432

Rectangle

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



172.6420, -10.1765, 44.1640



169.4710, -24.3892, 29.4049



155.7520, 15.8983, -59.4185



162.3530, 27.9270, -44.1596

Sweetspot

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



172.6420, -10.1765, 44.1640



237.4750, -3.6852, 15.3694



180.4370, 20.9836, 36.4508



116.7840, -2.3585, 9.8364



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.



172.6420, -10.1765, 44.1640



185.7150, -14.1565, 60.7629



193.0730, -20.7420, 26.2460



104.2890, -1.6215, 6.7625



52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Inverse Universe

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



172.6420, -10.1765, 44.1640



185.7150, -14.1565, 60.7629



180.9270, 20.7420, -26.2460



104.2890, -1.6215, 6.7625



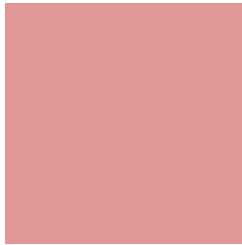
52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 172.6420, -10.1765, 44.1640 looks on a white background.

Color Contrast Check

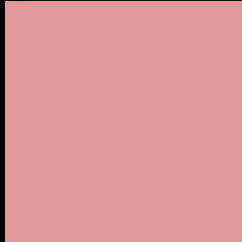
Large Text (above 18pt) WCAG AA × Fail

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 172.6420, -10.1765, 44.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

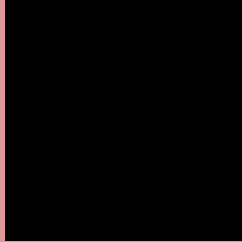
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6420, -10.1765, 44.1640

Background



This preview shows how black text looks on a background with the YUV color 172.6420, -10.1765, 44.1640.



This preview shows how white text looks on a background with the YUV color 172.6420, -10.1765, 44.1640.

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

172.6420, -10.1765, 44.1640

Protanopia

170.5830, -4.2314, 3.8737

Deuteranopia

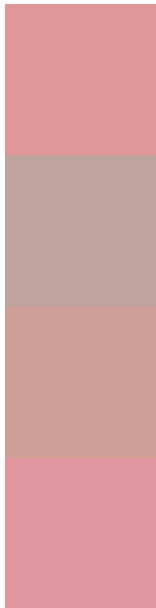
171.3740, -10.5374, 19.8430



Tritanopia

173.3800, -6.1033, 44.3937

Trichromacy



Original Color

172.6420, -10.1765, 44.1640

Protanomaly

171.1010, -6.4588, 18.3284

Deuteranomaly

171.8420, -10.2751, 29.0796

Tritanomaly

173.0380, -7.4137, 44.6937

Monochromacy



Original Color

172.6420, -10.1765, 44.1640

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7740, -3.8326, 15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6420, -10.1765, 44.1640 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(223, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 151, 152)  
}
```

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(223, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 151, 152) }
```

Border

The CSS property to change the border of an element to YUV 172.6420, -10.1765, 44.1640 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(223, 151, 152) }
```


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

```
.border{ border-color:rgb(223, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 151,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 172.6420, -10.1765, 44.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 151, 152) }
```

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

```
.background{ background-color: rgb(223,  
151, 152) }
```

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