

Converting Colors

YUV(208.7360, 10.4832,
-2.3995)

Have a look what the booklet for
YUV(208.7360, 10.4832, -2.3995)
contains.

YUV(208.7360, 10.4832, -2.3995)	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(208.7360, 10.4832,
-2.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	CECEE6
RGB	206, 206, 230
RGB Percent	81%, 81%, 90%
CMY	0.1922, 0.1922, 0.0980
CMYK	0.10, 0.10, 0.00, 0.10
HSL	240°, 32%, 85%
HSV	240°, 10%, 90%
XYZ	61.8078, 62.9776, 83.7612
YIQ	208.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

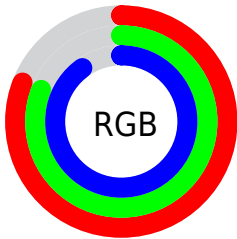
Format	Color
R _Y B	206, 206, 230
Decimal	13553382
CIE Lab	83.43, 4.60, -11.82
CIE LCh	83, 12.688, 291.272
Yxy	62.9776, 0.2964, 0.3020
Android (android.graphics.Color)	4291743462 (0xFFCECEE6)
YUV	208.7360, 10.4832, -2.3995
Hunter-Lab	79.3584, 0.1464, -7.0285

Details

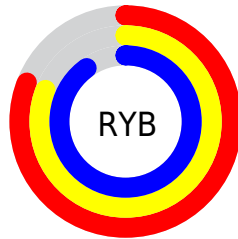
The YUV color $208.7360, 10.4832, -2.3995$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.2640, -10.4832, 2.3995$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $154.5080, 9.6096, -2.1995$ is the 20% darker color. If you saturate the color by 10%, you get $188.3580, 20.5295, -4.6990$, and if you desaturate by 10%, it is $229.1140, 0.4368, -0.1000$.

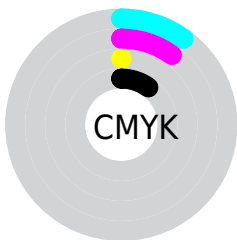
Distribution



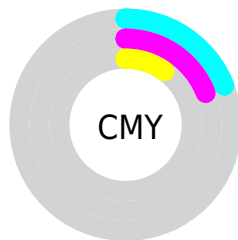
- Red (81%)
- Green (81%)
- Blue (90%)



- Red (81%)
- Yellow (81%)
- Blue (90%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7360, 10.4832, -2.3995 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 208.7360, 10.4832, -2.3995 by changing the saturation by 10% instead.

■ 208.7360, 10.4832,
-2.3995

■ 208.7360, 10.4832,
-2.3995

255.0000, 0.0000,
0.0000

■ 181.3230, 10.1938,
-2.9143

■ 154.5080, 9.6096,
-2.1995

■ 128.5080, 9.6096,
-2.1995

■ 103.3940, 9.1728,
-2.0995

■ 78.9810, 8.8834,
-2.6143

■ 55.8670, 8.4466,
-2.5144

■ 34.7530, 8.0098,

-2.4144

■ 12.2800, 8.7360,
-1.9996

■ 0.1140, 0.4368,
-0.1000

■ 208.7360, 10.4832,
-2.3995

■ 208.7360, 10.4832,
-2.3995

■ 188.3580, 20.5295,
-4.6990

■ 229.1140, 0.4368,
-0.1000

■ 167.9800, 30.5759,
-6.9985

■ 249.4920, -9.6096,
2.1995

■ 147.6020, 40.6222,
-9.2980

■ 252.1500,
-10.9200, 2.4994

■ 127.2240, 50.6686,
-11.5974

■ 106.8460, 60.7149,
-13.8969

■ 86.4680, 70.7613,
-16.1964

■ 66.0900, 80.8076,
-18.4959

■ 45.7120, 90.8540,
-20.7954

■ 26.2200, 100.4635,
-22.9949

Harmonies

Analogous

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



206.7130, 11.9735, -13.7803



208.7360, 10.4832, -2.3995



209.7760, 6.5194, 8.9664

Triad

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



208.7360, 10.4832, -2.3995



209.3030, -9.5164, 19.0283



204.1780, -0.0878, -18.5731

Complementary

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



208.7360, 10.4832, -2.3995



227.2640, -10.4832, 2.3995

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.



205.3380, -6.0826, -9.0664



208.7360, 10.4832, -2.3995



208.0910, -11.3839, 11.3212

Square

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



208.7360, 10.4832, -2.3995



210.1660, -5.0118, 20.9024



206.6660, -10.1883, 1.1699



204.0510, 5.8909, -22.8467

Rectangle

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



208.7360, 10.4832, -2.3995



210.7830, 2.5720, 15.0993



206.6660, -10.1883, 1.1699



204.3310, -2.1352, -15.1993

Sweetspot

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



208.7360, 10.4832, -2.3995



247.9120, 3.4944, -0.7998



222.8240, 3.5378, -14.7546



122.6840, 2.6208, -0.5999



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.



208.7360, 10.4832, -2.3995



225.7620, 14.4143, -3.2993



212.3240, 8.7143, 4.9779



104.3680, 5.2416, -1.1997



20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Inverse Universe

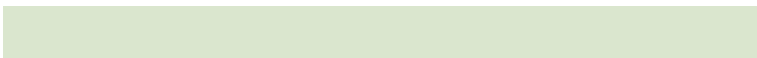
The Inverse Universe completely reimagines the original color for something new.



215.9120, 6.9454, 12.3552



235.6290, 9.5499, 16.9884



223.6760, -8.7143, -4.9779



107.9560, 3.4727, 6.1776



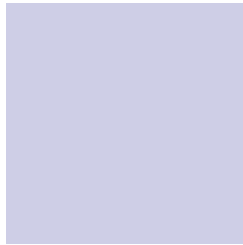
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 208.7360, 10.4832, -2.3995 looks on a white background.

Color Contrast Check

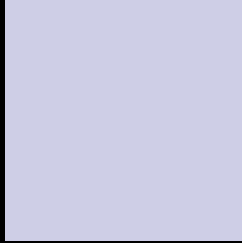
Large Text (above 18pt) WCAG AA × Fail

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 208.7360, 10.4832, -2.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

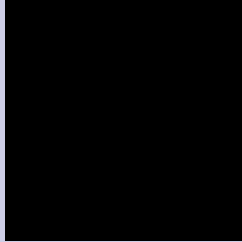
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7360, 10.4832, -2.3995

Background



This preview shows how black text looks on a background with the YUV color 208.7360, 10.4832, -2.3995.



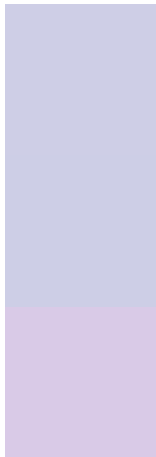
This preview shows how white text looks on a background with the YUV color 208.7360, 10.4832, -2.3995.

-2.3995.

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

208.7360, 10.4832, -2.3995

Protanopia

208.4370, 10.6306, -3.0142

Deuteranopia

209.7910, 10.4560, 6.3223



Tritanopia

208.2260, 7.2836, -2.8292

Trichromacy



Original Color

208.7360, 10.4832, -2.3995

Protanomaly

208.4370, 10.6306, -3.0142

Deuteranomaly

209.1820, 10.7563, 3.3484

Tritanomaly

208.5680, 8.5940, -3.1291

Monochromacy



Original Color

208.7360, 10.4832, -2.3995

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7360, 10.4832, -2.3995 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, 206, 230)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 230)  
}
```

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, 206, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 230) }
```

Border

The CSS property to change the border of an element to YUV 208.7360, 10.4832, -2.3995 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, 206, 230) }
```


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

```
.border{ border-color:rgb(206, 206, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 230);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 208.7360, 10.4832, -2.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 230) }
```

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

```
.background{ background-color: rgb(206,  
206, 230) }
```

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