

Converting Colors

YUV(206.1670, -9.9423,
15.6395)

Have a look what the booklet for
YUV(206.1670, -9.9423, 15.6395)
contains.

YUV(206.1670, -9.9423, 15.6395)	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(206.1670, -9.9423,
15.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9BA
RGB	224, 201, 186
RGB Percent	88%, 79%, 73%
CMY	0.1216, 0.2118, 0.2706
CMYK	0.00, 0.10, 0.17, 0.12
HSL	24°, 38%, 80%
HSV	24°, 17%, 88%
XYZ	60.4900, 61.1658, 55.0724
YIQ	206.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

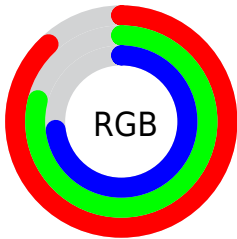
Format	Color
R _Y B	224, 211, 186
Decimal	14731706
CIE Lab	82.47, 5.65, 10.42
CIE LCh	82, 11.855, 61.524
Yxy	61.1658, 0.3423, 0.3461
Android (android.graphics.Color)	4292921786 (0xFFE0C9BA)
YUV	206.1670, -9.9423, 15.6395
Hunter-Lab	78.2085, 1.1951, 12.9955

Details

The YUV color $206.1670, -9.9423, 15.6395$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.8330, 9.9423, -15.6395$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $151.6830, -9.2107, 14.3100$ is the 20% darker color. If you saturate the color by 10%, you get $195.4410, -15.5004, 25.0462$, and if you desaturate by 10%, it is $216.8930, -4.3842, 6.2328$.

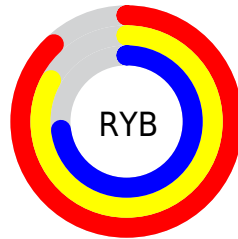
Distribution



Red (88%)

Green (79%)

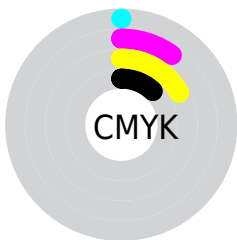
Blue (73%)



Red (88%)

Yellow (83%)

Blue (73%)

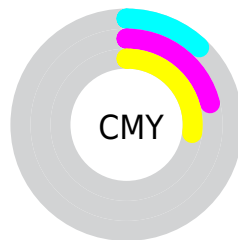


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1670, -9.9423, 15.6395 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 206.1670, -9.9423, 15.6395 by changing the saturation by 10% instead.

 206.1670, -9.9423,
15.6395


 206.1670, -9.9423,
15.6395


255.0000, 0.0000,
0.0000

 178.8680, -9.7949,
15.0248


 253.5180, -5.6784,
1.2997

 151.6830, -9.2107,
14.3100

 125.7970, -8.7739,
14.2100

 101.0850, -8.9159,
13.0805

 76.9000, -8.3317,
12.3657

 53.7150, -7.7475,
11.6509

 32.2310, -7.0159,

10.3214

■ 9.2250, -4.5479,
12.0807

■ 0.0000, 0.0000,
0.0000

■ 206.1670, -9.9423,
15.6395

■ 206.1670, -9.9423,
15.6395

■ 195.4410,
-15.5004, 25.0462

■ 216.8930, -4.3842,
6.2328

■ 185.1880,
-21.7847, 34.0381

■ 227.1460, 1.9000,
-2.7590

■ 174.4620,
-27.3428, 43.4448

■ 237.8720, 7.4581,
-12.1657

■ 164.2090,
-33.6270, 52.4367

■ 245.7310, 4.5696,
-19.0581

■ 153.4830,
-39.1851, 61.8434

■ 143.3440,
-45.0326, 70.7353

■ 132.5040,
-51.0275, 80.2420

■ 122.3650,
-56.8749, 89.1339

■ 118.6320,
-58.4856, 92.4077

Harmonies

Analogous

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



206.8130, -6.3168, 19.4580



206.1670, -9.9423, 15.6395



205.1830, -10.9362, 7.7325

Triad

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



206.1670, -9.9423, 15.6395



201.6340, 1.6594, -18.9730



206.3020, 8.7251, 1.4891

Complementary

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



206.1670, -9.9423, 15.6395



203.8330, 9.9423, -15.6395

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.



204.8060, 10.9416, -9.4769



206.1670, -9.9423, 15.6395



201.7030, 7.0484, -20.7875

Square

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



206.1670, -9.9423, 15.6395



202.4840, -4.1826, -11.8255



202.9360, 10.3846, -17.4839



207.5160, 4.1826, 11.8255

Rectangle

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



206.1670, -9.9423, 15.6395



204.0790, -9.8989, 1.6847



202.9360, 10.3846, -17.4839



205.9210, 9.8989, -1.6847

Sweetspot

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



206.1670, -9.9423, 15.6395



248.8220, -3.3632, 5.4181



199.9840, 4.4449, 21.0620



124.1530, -2.0474, 3.3738



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.



206.1670, -9.9423, 15.6395



230.9890, -13.3056, 21.0576



217.3200, -15.4408, 5.8584



106.6370, -2.7790, 4.7034



93.1270, -45.9116, 72.6796



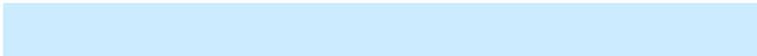
25.5050, -12.5740, 19.7281

Inverse Universe

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



203.8330, 9.9423, -15.6395



228.0110, 13.3056, -21.0576



192.6800, 15.4408, -5.8584



106.3630, 2.7790, -4.7034



82.2860, 46.2010, -72.1648



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 206.1670, -9.9423, 15.6395 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 206.1670, -9.9423, 15.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

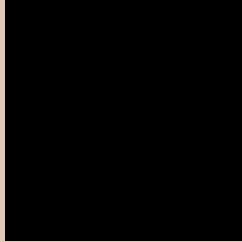
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.1670, -9.9423, 15.6395

Background



This preview shows how black text looks on a background with the YUV color 206.1670, -9.9423, 15.6395.



This preview shows how white text looks on a background with the YUV color 206.1670, -9.9423,

15.6395.

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

206.1670, -9.9423, 15.6395

Protanopia

205.4540, -8.6048, 6.6178

Deuteranopia

206.9120, -9.8166, 22.0022



Tritanopia

207.6800, 2.1298, 16.9436

Trichromacy



Original Color

206.1670, -9.9423, 15.6395

Protanomaly

205.9490, -9.3419, 9.6917

Deuteranomaly

206.6020, -9.6638, 19.6430

Tritanomaly

206.9420, -1.9434, 16.7139

Monochromacy



Original Color

206.1670, -9.9423, 15.6395

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1670, -9.9423, 15.6395 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(224, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 186)  
}
```

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(224, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 186) }
```

Border

The CSS property to change the border of an element to YUV 206.1670, -9.9423, 15.6395 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(224, 201, 186) }
```


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

```
.border{ border-color:rgb(224, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 206.1670, -9.9423, 15.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 186) }
```

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

```
.background{ background-color: rgb(224,  
201, 186) }
```

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