

Converting Colors

YUV(205.5640, 21.4139,
-8.3876)

Have a look what the booklet for
YUV(205.5640, 21.4139, -8.3876)
contains.

YUV(205.5640, 21.4139, -8.3876)	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(205.5640, 21.4139,
-8.3876)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CAF9
RGB	196, 202, 249
RGB Percent	77%, 79%, 98%
CMY	0.2314, 0.2078, 0.0235
CMYK	0.21, 0.19, 0.00, 0.02
HSL	233°, 82%, 87%
HSV	233°, 21%, 98%
XYZ	60.9844, 60.8164, 98.1470
YIQ	205.5640, -18.6630, 13.3450

Conversions

Conversions Part 2

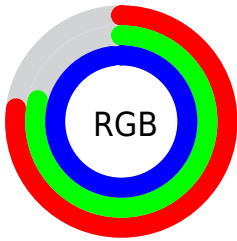
Format	Color
R _Y B	196, 201, 249
Decimal	12897017
CIE Lab	82.28, 7.63, -23.75
CIE LCh	82, 24.945, 287.812
Yxy	60.8164, 0.2773, 0.2765
Android (android.graphics.Color)	4291087097 (0xFFC4CAF9)
YUV	205.5640, 21.4139, -8.3876
Hunter-Lab	77.9849, 3.1140, -20.0294

Details

The YUV color $205.5640, 21.4139, -8.3876$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.4360, -21.4139, 8.3876$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $151.2220, 20.1036, -8.0877$ is the 20% darker color. If you saturate the color by 10%, you get $185.1750, 31.4657, -12.4315$, and if you desaturate by 10%, it is $225.9530, 11.3622, -4.3438$.

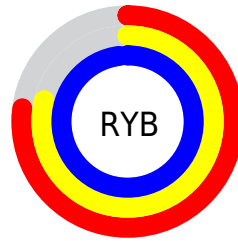
Distribution



Red (77%)

Green (79%)

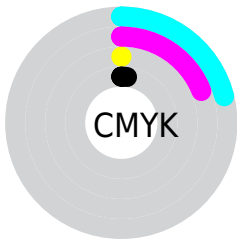
Blue (98%)



Red (77%)

Yellow (79%)

Blue (98%)

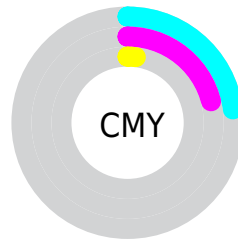


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5640, 21.4139, -8.3876 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 205.5640, 21.4139, -8.3876 by changing the saturation by 10% instead.

■ 205.5640, 21.4139,
-8.3876

■ 205.5640, 21.4139,
-8.3876

255.0000, 0.0000,
0.0000

■ 178.0370, 20.6878,
-8.8024

254.4020, 0.2948,
-1.2296

■ 151.2220, 20.1036,
-8.0877

■ 124.8090, 19.8142,
-8.6025

■ 100.2820, 19.0880,
-9.0173

■ 75.7550, 18.3618,
-9.4321

■ 52.3420, 18.0724,
-9.9469

■ 30.1030, 17.2042,

-11.4913

■ 7.8370, 17.3354,
-6.8730

■ 2.9810, 8.8834,
-2.6143

■ 205.5640, 21.4139,
-8.3876

■ 205.5640, 21.4139,
-8.3876

■ 185.1750, 31.4657,
-12.4315

■ 225.9530, 11.3622,
-4.3438

■ 164.7860, 41.5175,
-16.4753

■ 246.3420, 1.3104,
-0.2999

■ 144.3970, 51.5693,
-20.5192

■ 254.3160, -2.6208,
0.5999

■ 124.0080, 61.6211,
-24.5630

■ 103.9180, 71.5254,
-27.9921

■ 83.5290, 81.5772,
-32.0359

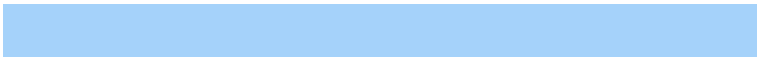
■ 62.5530, 91.9184,
-35.5650

■ 44.8220, 100.6598,
-39.3089

Harmonies

Analogous

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



201.1050, 24.1052, -31.6641



205.5640, 21.4139, -8.3876



208.0570, 13.7759, 14.8590

Triad

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



205.5640, 21.4139, -8.3876



206.9370, -17.7169, 36.0123



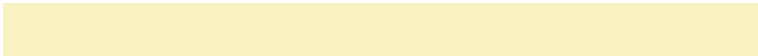
196.1390, -1.0545, -35.2019

Complementary

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



205.5640, 21.4139, -8.3876



239.4360, -21.4139, 8.3876

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.



199.4590, -13.0443, -16.1885



205.5640, 21.4139, -8.3876



204.5950, -22.4783, 23.1572

Square

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



205.5640, 21.4139, -8.3876



207.7770, -8.2711, 39.6606



202.5280, -20.9663, 4.7989



194.6780, 11.4977, -47.9526

Rectangle

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



205.5640, 21.4139, -8.3876



208.7120, 7.0440, 27.4396



202.5280, -20.9663, 4.7989



197.6190, -5.7282, -29.4839

Sweetspot

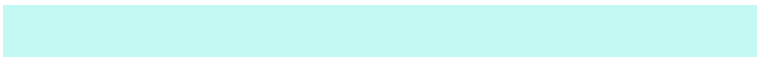
The Sweet Spot groups the original color and five complimentary colors.



205.5640, 21.4139, -8.3876



242.2970, 6.2626, -2.0145



232.4690, 5.1918, -31.9833



120.6130, 3.6418, -1.4146



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.



205.5640, 21.4139, -8.3876



200.6330, 26.8029, -10.2021



208.0220, 20.2022, 6.9967



114.6560, 5.0996, -2.3293



33.8730, 76.4776, -29.7066



11.0630, 24.6189, -9.7023

Inverse Universe

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



212.5310, -5.1918, 31.9833



209.5320, -6.6713, 39.8754



236.9780, -20.2022, -6.9967



116.1150, -1.0427, 7.7921



58.9050, -18.6872, 114.0933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 205.5640, 21.4139, -8.3876 looks on a white background.

Color Contrast Check

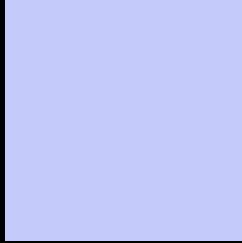
Large Text (above 18pt) WCAG AA × Fail

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 205.5640, 21.4139, -8.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

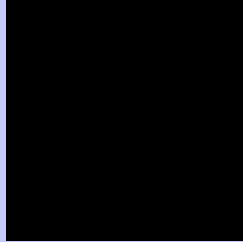
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.5640, 21.4139, -8.3876

Background



This preview shows how black text looks on a background with the YUV color 205.5640, 21.4139, -8.3876.



This preview shows how white text looks on a background with the YUV color 205.5640, 21.4139, -8.3876.

-8.3876.

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

205.5640, 21.4139, -8.3876

Protanopia

205.5530, 21.4194, -10.1320

Deuteranopia

206.1840, 21.1083, -3.6694



Tritanopia

204.0400, 9.3473, -11.4361

Trichromacy



Original Color

205.5640, 21.4139, -8.3876

Protanomaly

205.8520, 21.2720, -9.5172

Deuteranomaly

206.1730, 21.1137, -5.4137

Tritanomaly

204.4900, 13.5624, -10.0767

Monochromacy



Original Color

205.5640, 21.4139, -8.3876

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5640, 21.4139, -8.3876 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(196, 202, 249)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 249)  
}
```

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(196, 202, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 249) }
```

Border

The CSS property to change the border of an element to YUV 205.5640, 21.4139, -8.3876 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(196, 202, 249) }
```


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

```
.border{ border-color:rgb(196, 202, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 249);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 205.5640, 21.4139, -8.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 249) }
```

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

```
.background{ background-color: rgb(196,  
202, 249) }
```

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