

Converting Colors

YUV(204.2660, 3.3199, 8.5367)

Have a look what the booklet for
YUV(204.2660, 3.3199, 8.5367)
contains.

YUV(204.2660, 3.3199, 8.5367)	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(204.2660, 3.3199,
8.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C6D3
RGB	214, 198, 211
RGB Percent	84%, 78%, 83%
CMY	0.1608, 0.2235, 0.1725
CMYK	0.00, 0.07, 0.01, 0.16
HSL	311°, 16%, 81%
HSV	311°, 7%, 84%
XYZ	59.6835, 59.3875, 69.9453
YIQ	204.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

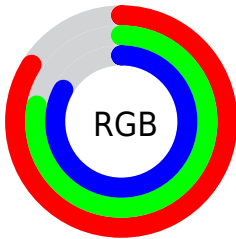
Format	Color
R _Y B	214, 198, 211
Decimal	14075603
CIE Lab	81.50, 7.89, -4.46
CIE LCh	82, 9.059, 330.518
Yxy	59.3875, 0.3158, 0.3142
Android (android.graphics.Color)	4292265683 (0xFFD6C6D3)
YUV	204.2660, 3.3199, 8.5367
Hunter-Lab	77.0633, 3.3830, 0.1306

Details

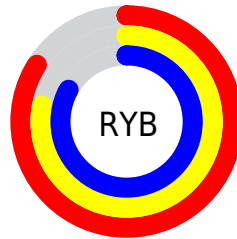
The YUV color `204.2660, 3.3199, 8.5367` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `207.7340, -3.3199, -8.5367`, and the grayscale version is `204.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `149.9670, 3.4673, 7.9219` is the 20% darker color. If you saturate the color by 10%, you get `191.4830, 7.6499, 19.7474`, and if you desaturate by 10%, it is `217.0490, -1.0102, -2.6740`.

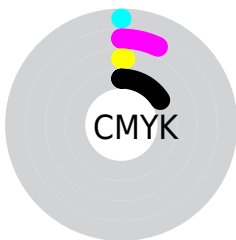
Distribution



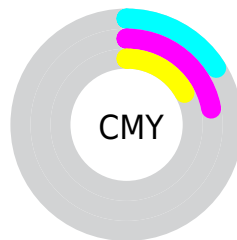
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2660, 3.3199, 8.5367 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 204.2660, 3.3199, 8.5367 by changing the saturation by 10% instead.

■ 204.2660, 3.3199,
8.5367

■ 204.2660, 3.3199,
8.5367

255.0000, 0.0000,
0.0000

■ 176.8530, 3.0305,
8.0219

■ 149.9670, 3.4673,
7.9219

■ 124.4400, 2.7411,
7.5071

■ 99.4400, 2.7411,
7.5071

■ 75.4400, 2.7411,
7.5071

■ 52.7280, 2.5991,
6.3775

■ 31.7280, 2.5991,

6.3775

■ 7.5050, 4.1880,
10.0811

■ 0.0000, 0.0000,
0.0000

■ 204.2660, 3.3199,
8.5367

■ 204.2660, 3.3199,
8.5367

■ 191.4830, 7.6499,
19.7474

■ 217.0490, -1.0102,
-2.6740

■ 178.1130, 12.2693,
31.4729

■ 230.4190, -5.6296,
-14.3995

■ 165.3300, 16.5993,
42.6836

■ 239.0930, -7.9338,
-22.0066

■ 151.9600, 21.2187,
54.4091

■ 239.5490, -6.1867,
-22.4065

139.1770, 25.5487,
65.6198

240.0050, -4.4395,
-22.8064

126.3940, 29.8788,
76.8305

240.4610, -2.6923,
-23.2063

113.0240, 34.4982,
88.5560

240.9170, -0.9451,
-23.6062

100.2410, 38.8282,
99.7666

241.3730, 0.8021,
-24.0061

86.8710, 43.4476,
111.4921

241.8290, 2.5493,
-24.4060

Harmonies

Analogous

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



203.4330, 6.6885, 1.3743



204.2660, 3.3199, 8.5367



204.5610, -0.7696, 13.5400

Triad

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



204.2660, 3.3199, 8.5367



202.5680, -8.1680, 6.5179



199.9810, 5.4324, -15.7693

Complementary

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



204.2660, 3.3199, 8.5367



207.7340, -3.3199, -8.5367

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.



200.1400, 0.9170, -14.1548



204.2660, 3.3199, 8.5367



201.5670, -6.6885, -1.3743

Square

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



204.2660, 3.3199, 8.5367



203.1280, -7.4581, 12.1657



200.4350, -3.1725, -9.1515



201.2740, 7.7529, -13.3953

Rectangle

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



204.2660, 3.3199, 8.5367



204.1760, -3.5378, 14.7546



200.4350, -3.1725, -9.1515



200.2260, 3.8326, -15.9842

Sweetspot

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



204.2660, 3.3199, 8.5367



251.9510, 1.0102, 2.6740



200.7210, 6.5465, 0.2447



126.1250, 0.4314, 1.6444



0.0000, 0.0000, 0.0000



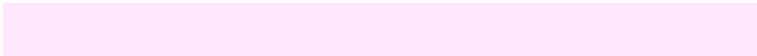
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.2660, 3.3199, 8.5367



241.0430, 4.9088, 12.2403



203.3540, -0.1745, 9.3365



100.3150, 2.3097, 5.8627



66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Inverse Universe

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



204.2660, 3.3199, 8.5367



241.0430, 4.9088, 12.2403



208.6460, 0.1745, -9.3365



100.3150, 2.3097, 5.8627



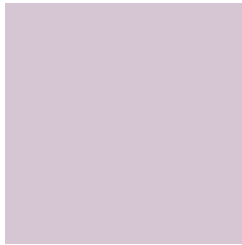
66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 204.2660, 3.3199, 8.5367 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 204.2660, 3.3199, 8.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

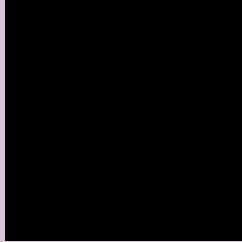
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.2660, 3.3199, 8.5367

Background



This preview shows how black text looks on a background with the YUV color 204.2660, 3.3199, 8.5367.



This preview shows how white text looks on a background with the YUV color 204.2660, 3.3199,

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

204.2660, 3.3199, 8.5367

Protanopia

202.9660, 4.9468, 0.0298

Deuteranopia

204.2880, 3.3090, 12.0254



Tritanopia

204.4940, 4.1935, 8.3368

Trichromacy



Original Color

204.2660, 3.3199, 8.5367

Protanomaly

203.4610, 4.2097, 3.1037

Deuteranomaly

204.5760, 3.1670, 10.8958

Tritanomaly

204.3800, 3.7567, 8.4367

Monochromacy



Original Color

204.2660, 3.3199, 8.5367

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.3640, 1.2995, 3.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2660, 3.3199, 8.5367 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(214, 198, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 211)  
}
```

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(214, 198, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 211) }
```

Border

The CSS property to change the border of an element to YUV 204.2660, 3.3199, 8.5367 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(214, 198, 211) }
```


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

```
.border{ border-color:rgb(214, 198, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 204.2660, 3.3199, 8.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 211) }
```

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

```
.background{ background-color: rgb(214,  
198, 211) }
```

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