

Converting Colors

YUV(201.6240, 3.6364, 0.3298)

Have a look what the booklet for
YUV(201.6240, 3.6364, 0.3298)
contains.

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Color

**YUV(201.6240, 3.6364,
0.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8D1
RGB	202, 200, 209
RGB Percent	79%, 78%, 82%
CMY	0.2078, 0.2157, 0.1804
CMYK	0.03, 0.04, 0.00, 0.18
HSL	253°, 9%, 80%
HSV	253°, 4%, 82%
XYZ	56.5200, 58.4686, 68.6282
YIQ	201.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

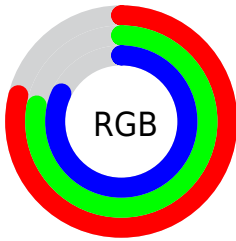
Format	Color
RYP	202, 200, 209
Decimal	13289681
CIE Lab	81.00, 2.36, -4.24
CIE LCh	81, 4.854, 299.127
Yxy	58.4686, 0.3078, 0.3184
Android (android.graphics.Color)	4291479761 (0xFFCAC8D1)
YUV	201.6240, 3.6364, 0.3298
Hunter-Lab	76.4647, -1.8724, 0.3117

Details

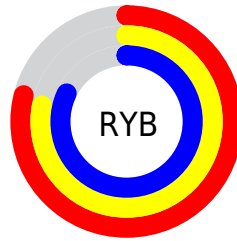
The YUV color `201.6240, 3.6364, 0.3298` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `207.3760, -3.6364, -0.3298`, and the grayscale version is `202.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `147.6240, 3.6364, 0.3298` is the 20% darker color. If you saturate the color by 10%, you get `184.5130, 12.0721, 1.3041`, and if you desaturate by 10%, it is `218.7350, -4.7994, -0.6446`.

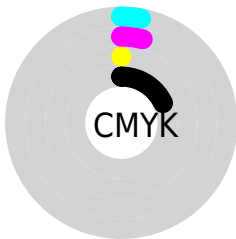
Distribution



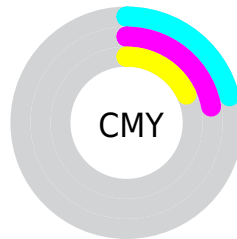
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6240, 3.6364, 0.3298 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 201.6240, 3.6364, 0.3298 by changing the saturation by 10% instead.

■ 201.6240, 3.6364,
0.3298

■ 201.6240, 3.6364,
0.3298

255.0000, 0.0000,
0.0000

■ 174.5100, 3.1996,
0.4297

■ 147.6240, 3.6364,
0.3298

■ 121.6240, 3.6364,
0.3298

■ 97.2110, 3.3470,
-0.1850

■ 73.5100, 3.1996,
0.4297

■ 51.0970, 2.9102,
-0.0851

■ 29.9830, 2.4734,

0.0149

■ 4.2650, 4.7994,
0.6446

■ 0.0000, 0.0000,
0.0000

■ 201.6240, 3.6364,
0.3298

■ 201.6240, 3.6364,
0.3298

■ 184.5130, 12.0721,
1.3041

■ 218.7350, -4.7994,
-0.6446

■ 167.1030, 20.6552,
1.6637

■ 236.1450,
-13.3825, -1.0042

■ 149.9920, 29.0909,
2.6380

■ 248.5600,
-19.5031, 2.1399

■ 132.8810, 37.5267,
3.6124

■ 249.7560,
-20.0927, 4.5990

■ 116.3570, 45.6730,
4.0719

■ 98.9470, 54.2561,
4.4315

■ 81.8360, 62.6919,
5.4058

■ 64.7250, 71.1276,
6.3802

■ 47.6140, 79.5633,
7.3545

Harmonies

Analogous

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



201.4170, 4.2314, -3.8737



201.6240, 3.6364, 0.3298



202.1900, 1.8783, 4.2184

Triad

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



201.6240, 3.6364, 0.3298



201.3060, -4.0949, 6.7476



199.7710, 0.6059, -7.6922

Complementary

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



201.6240, 3.6364, 0.3298



207.3760, -3.6364, -0.3298

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.



199.8100, -1.8783, -4.2184



201.6240, 3.6364, 0.3298



201.1700, -4.5208, 3.3589

Square

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



201.6240, 3.6364, 0.3298



201.7730, -2.3531, 8.0921



200.3760, -3.6364, -0.3298



199.9280, 2.5005, -8.7069

Rectangle

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



201.6240, 3.6364, 0.3298



202.1580, 0.4151, 6.8774



200.3760, -3.6364, -0.3298



199.8420, -0.4151, -6.8774

Sweetspot

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



201.6240, 3.6364, 0.3298



252.6410, 1.1630, 0.3148



205.1350, 1.9054, -4.5034



126.5270, 0.7262, 0.4148



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.



201.6240, 3.6364, 0.3298



244.3790, 5.2362, 0.5446



202.8200, 3.0467, 2.7889



99.3960, 2.7628, 0.5297



30.2150, 67.9280, 5.9504



7.3650, 16.5821, 1.4339

Inverse Universe

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



203.4890, 1.7309, 4.8331



247.0270, 2.4517, 6.9923



206.1800, -3.0467, -2.7889



100.6630, 1.1521, 3.8035



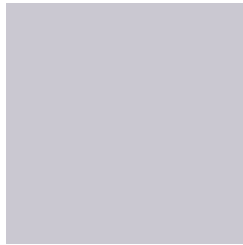
65.1660, 32.4562, 90.1854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 201.6240, 3.6364, 0.3298 looks on a white background.

Color Contrast Check

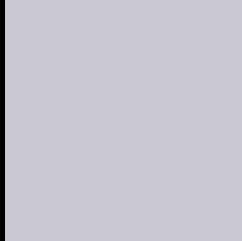
Large Text (above 18pt) WCAG AA × Fail

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 201.6240, 3.6364, 0.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

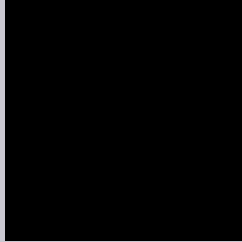
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.6240, 3.6364, 0.3298

Background



This preview shows how black text looks on a background with the YUV color 201.6240, 3.6364, 0.3298.



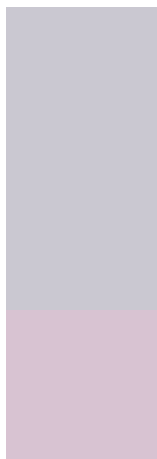
This preview shows how white text looks on a background with the YUV color 201.6240, 3.6364,

0.3298.

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

201.6240, 3.6364, 0.3298

Protanopia

201.6240, 3.6364, 0.3298

Deuteranopia

202.9890, 3.4564, 11.4106



Tritanopia

202.0200, 6.3991, 0.8595

Trichromacy



Original Color

201.6240, 3.6364, 0.3298

Protanomaly

201.6240, 3.6364, 0.3298

Deuteranomaly

202.6680, 3.6147, 7.3072

Tritanomaly

201.7920, 5.5255, 1.0594

Monochromacy



Original Color

201.6240, 3.6364, 0.3298

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6240, 3.6364, 0.3298 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(202, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 209)  
}
```

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(202, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 209) }
```

Border

The CSS property to change the border of an element to YUV 201.6240, 3.6364, 0.3298 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(202, 200, 209) }
```


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

```
.border{ border-color:rgb(202, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 201.6240, 3.6364, 0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 209) }
```

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

```
.background{ background-color: rgb(202,  
200, 209) }
```

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](#).

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