

Converting Colors

YUV(202.1360, 0.4260, 3.3887)

Have a look what the booklet for
YUV(202.1360, 0.4260, 3.3887)
contains.

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Color

**YUV(202.1360, 0.4260,
3.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8CB
RGB	206, 200, 203
RGB Percent	81%, 78%, 80%
CMY	0.1922, 0.2157, 0.2039
CMYK	0.00, 0.03, 0.01, 0.19
HSL	330°, 6%, 80%
HSV	330°, 3%, 81%
XYZ	56.8874, 58.7422, 64.8400
YIQ	202.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

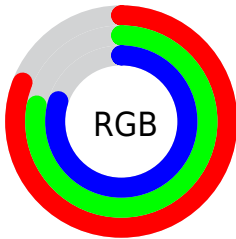
Format	Color
R _Y B	206, 200, 203
Decimal	13551819
CIE Lab	81.15, 2.62, -0.76
CIE LCh	81, 2.730, 343.735
Yxy	58.7422, 0.3152, 0.3255
Android (android.graphics.Color)	4291741899 (0xFFCEC8CB)
YUV	202.1360, 0.4260, 3.3887
Hunter-Lab	76.6434, -1.6372, 3.4913

Details

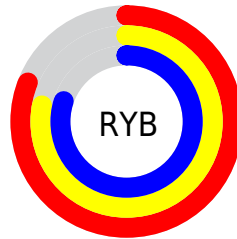
The YUV color `202.1360, 0.4260, 3.3887` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `203.8640, -0.4260, -3.3887`, and the grayscale version is `202.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `148.1360, 0.4260, 3.3887` is the 20% darker color. If you saturate the color by 10%, you get `188.6690, 2.1352, 15.1993`, and if you desaturate by 10%, it is `215.6030, -1.2833, -8.4218`.

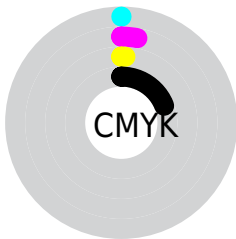
Distribution



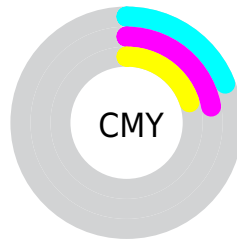
- Red (81%)
- Green (78%)
- Blue (80%)



- Red (81%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.1360, 0.4260, 3.3887 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 202.1360, 0.4260, 3.3887 by changing the saturation by 10% instead.

■ 202.1360, 0.4260,
3.3887

■ 202.1360, 0.4260,
3.3887

255.0000, 0.0000,
0.0000

■ 175.1360, 0.4260,
3.3887

■ 148.1360, 0.4260,
3.3887

■ 122.1360, 0.4260,
3.3887

■ 97.7230, 0.1366,
2.8739

■ 73.8370, 0.5734,
2.7740

■ 51.4240, 0.2840,
2.2592

■ 30.4240, 0.2840,

2.2592

■ 4.8480, 0.5679,
4.5183

■ 0.0000, 0.0000,
0.0000

■ 202.1360, 0.4260,
3.3887

■ 202.1360, 0.4260,
3.3887

■ 188.6690, 2.1352,
15.1993

■ 215.6030, -1.2833,
-8.4218

■ 175.6750, 3.1182,
26.5950

■ 228.5970, -2.2663,
-19.8176

■ 162.2080, 4.8275,
38.4056

■ 237.9550, -1.9498,
-28.0245

■ 149.3280, 6.2473,
49.7013

■ 239.0950, 2.4182,
-29.0243

■ 135.7470, 7.5197,
61.6119

■ 240.3490, 7.2229,
-30.1241

■ 122.2800, 9.2290,
73.4224

■ 109.4000, 10.6488,
84.7182

■ 95.9330, 12.3580,
96.5288

■ 82.9390, 13.3411,
107.9245

Harmonies

Analogous

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



202.3530, 1.3050, 1.4444



202.1360, 0.4260, 3.3887



202.0930, -1.0318, 4.3034

Triad

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



202.1360, 0.4260, 3.3887



201.7290, -2.3314, 1.1147



201.1350, 1.9054, -4.5034

Complementary

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



202.1360, 0.4260, 3.3887



203.8640, -0.4260, -3.3887

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.



200.9070, 1.0318, -4.3034



202.1360, 0.4260, 3.3887



200.6470, -1.3050, -1.4444

Square

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



202.1360, 0.4260, 3.3887



201.7400, -2.3368, 2.8590



200.8640, -0.4260, -3.3887



201.2600, 2.3368, -2.8590

Rectangle

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



202.1360, 0.4260, 3.3887



201.9790, -1.4686, 4.4034



200.8640, -0.4260, -3.3887



201.0210, 1.4686, -4.4034

Sweetspot

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



202.1360, 0.4260, 3.3887



253.1250, 0.4314, 1.6444



201.5810, 2.1786, 1.2445



126.7120, 0.1420, 1.1296



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.



202.1360, 0.4260, 3.3887



249.8480, 0.5679, 4.5183



201.7940, -0.8844, 3.6887



99.4240, 0.2840, 2.2592



59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Inverse Universe

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



202.1360, 0.4260, 3.3887



249.8480, 0.5679, 4.5183



204.2060, 0.8844, -3.6887



99.4240, 0.2840, 2.2592



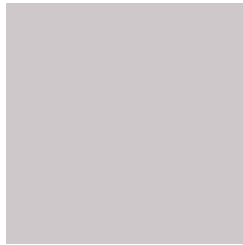
59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 202.1360, 0.4260, 3.3887 looks on a white background.

Color Contrast Check

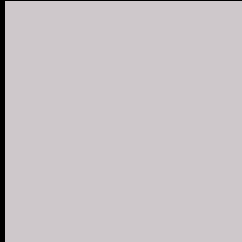
Large Text (above 18pt) WCAG AA × Fail

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 202.1360, 0.4260, 3.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

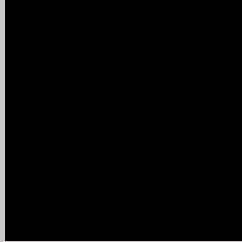
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

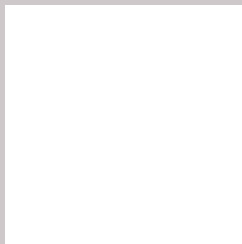
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.1360, 0.4260, 3.3887

Background



This preview shows how black text looks on a background with the YUV color 202.1360, 0.4260, 3.3887.

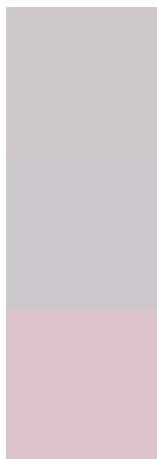


This preview shows how white text looks on a background with the YUV color 202.1360, 0.4260,

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

202.1360, 0.4260, 3.3887

Protanopia

201.5380, 0.7208, 2.1592

Deuteranopia

203.5010, 0.2460, 14.4696



Tritanopia

202.8140, 5.5147, 4.5481

Trichromacy



Original Color

202.1360, 0.4260, 3.3887

Protanomaly

201.8370, 0.5734, 2.7740

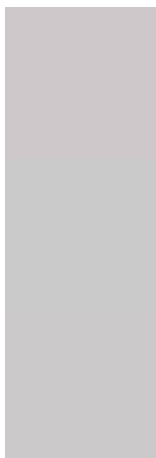
Deuteranomaly

203.1800, 0.4043, 10.3661

Tritanomaly

202.6460, 3.6255, 3.8185

Monochromacy



Original Color

202.1360, 0.4260, 3.3887

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7120, 0.1420, 1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1360, 0.4260, 3.3887 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, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 203)  
}
```

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, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 203) }
```

Border

The CSS property to change the border of an element to YUV 202.1360, 0.4260, 3.3887 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, 200, 203) }
```


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

```
.border{ border-color:rgb(206, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 202.1360, 0.4260, 3.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 203) }
```

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

```
.background{ background-color: rgb(206,  
200, 203) }
```

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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