

Converting Colors

YUV(202.0870, 1.4361, 6.0627)

Have a look what the booklet for
YUV(202.0870, 1.4361, 6.0627)
contains.

YUV(202.0870, 1.4361, 6.0627)	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(202.0870, 1.4361,
6.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C6CD
RGB	209, 198, 205
RGB Percent	82%, 78%, 80%
CMY	0.1804, 0.2235, 0.1961
CMYK	0.00, 0.05, 0.02, 0.18
HSL	322°, 11%, 80%
HSV	322°, 5%, 82%
XYZ	57.5080, 58.3513, 65.9895
YIQ	202.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

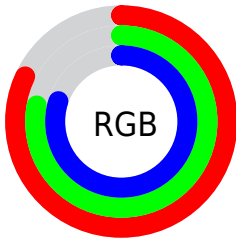
Format	Color
RYP	209, 198, 205
Decimal	13747917
CIELab	80.93, 5.08, -2.13
CIElCh	81, 5.505, 337.289
Yxy	58.3513, 0.3162, 0.3209
Android (android.graphics.Color)	4291937997 (0xFFD1C6CD)
YUV	202.0870, 1.4361, 6.0627
Hunter-Lab	76.3880, 0.7032, 2.2526

Details

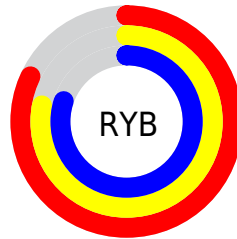
The YUV color $202.0870, 1.4361, 6.0627$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.9130, -1.4361, -6.0627$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $148.0870, 1.4361, 6.0627$ is the 20% darker color. If you saturate the color by 10%, you get $188.8480, 4.0189, 17.6733$, and if you desaturate by 10%, it is $215.3260, -1.1467, -5.5479$.

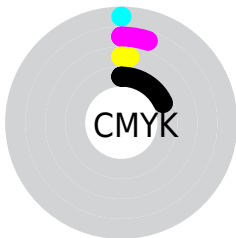
Distribution



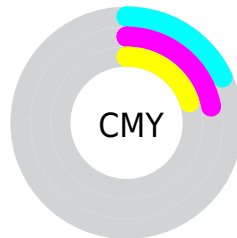
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.0870, 1.4361, 6.0627 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 202.0870, 1.4361, 6.0627 by changing the saturation by 10% instead.

■ 202.0870, 1.4361,
6.0627

■ 202.0870, 1.4361,
6.0627

255.0000, 0.0000,
0.0000

■ 174.7880, 1.5835,
5.4479

■ 148.0870, 1.4361,
6.0627

■ 122.6740, 1.1467,
5.5479

■ 97.6740, 1.1467,
5.5479

■ 73.3750, 1.2941,
4.9331

■ 51.3750, 1.2941,
4.9331

■ 29.9620, 1.0047,

4.4183

■ 5.2120, 1.8675,
7.7071

■ 0.0000, 0.0000,
0.0000

■ 202.0870, 1.4361,
6.0627

■ 202.0870, 1.4361,
6.0627

■ 188.8480, 4.0189,
17.6733

■ 215.3260, -1.1467,
-5.5479

■ 175.7230, 7.0386,
29.1839

■ 228.4510, -4.1663,
-17.0585

■ 162.4840, 9.6214,
40.7945

■ 238.1680, -5.0128,
-25.5803

■ 149.3590, 12.6410,
52.3052

■ 238.9660, -1.9552,
-26.2802

■ 136.7070, 14.9344,
63.4010

■ 239.8780, 1.5391,
-27.0800

■ 123.4680, 17.5173,
75.0116

■ 240.7900, 5.0335,
-27.8798

■ 110.3430, 20.5369,
86.5222

■ 241.2460, 6.7807,
-28.2797

■ 97.1040, 23.1197,
98.1328

■ 83.9790, 26.1394,
109.6434

Harmonies

Analogous

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



201.6350, 3.6309, 2.0741



202.0870, 1.4361, 6.0627



202.4140, -1.1901, 8.4069

Triad

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



202.0870, 1.4361, 6.0627



200.7570, -4.8102, 2.8441



199.8570, 3.5215, -9.5216

Complementary

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



202.0870, 1.4361, 6.0627



204.9130, -1.4361, -6.0627

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.



199.2870, 1.3375, -9.0217



202.0870, 1.4361, 6.0627



200.3650, -3.6309, -2.0741

Square

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



202.0870, 1.4361, 6.0627



201.1920, -4.5317, 6.8476



199.9130, -1.4361, -6.0627



200.5090, 4.6791, -7.4624

Rectangle

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



202.0870, 1.4361, 6.0627



201.9580, -2.9373, 8.8068



199.9130, -1.4361, -6.0627



199.6290, 2.6479, -9.3216

Sweetspot

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



202.0870, 1.4361, 6.0627



251.8370, 0.5734, 2.7740



200.4500, 4.2152, 1.3594



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.



202.0870, 1.4361, 6.0627



245.5110, 1.7201, 8.3219



201.5170, -0.7479, 6.5626



99.9620, 1.0047, 4.4183



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Inverse Universe

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



202.0870, 1.4361, 6.0627



245.5110, 1.7201, 8.3219



205.4830, 0.7479, -6.5626



99.9620, 1.0047, 4.4183



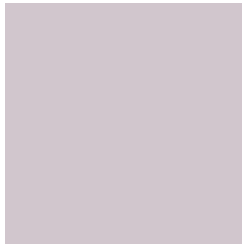
62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 202.0870, 1.4361, 6.0627 looks on a white background.

Color Contrast Check

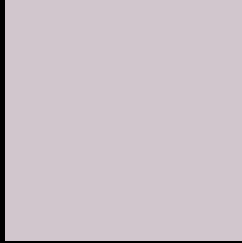
Large Text (above 18pt) WCAG AA × Fail

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 202.0870, 1.4361, 6.0627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

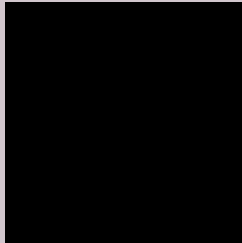
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.0870, 1.4361, 6.0627

Background



This preview shows how black text looks on a background with the YUV color 202.0870, 1.4361, 6.0627.

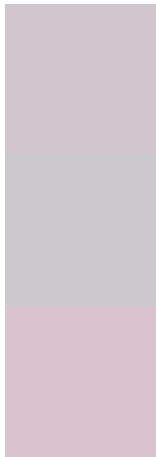


This preview shows how white text looks on a background with the YUV color 202.0870, 1.4361,

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

202.0870, 1.4361, 6.0627

Protanopia

201.5810, 2.1786, 1.2445

Deuteranopia

203.1310, 1.4144, 13.0401



Tritanopia

202.5970, 4.6357, 6.4924

Trichromacy



Original Color

202.0870, 1.4361, 6.0627

Protanomaly

201.5920, 2.1731, 2.9888

Deuteranomaly

202.8210, 1.5672, 10.6810

Tritanomaly

202.2550, 3.3253, 6.7924

Monochromacy



Original Color

202.0870, 1.4361, 6.0627

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.4240, 0.2840, 2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0870, 1.4361, 6.0627 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(209, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 205)  
}
```

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(209, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 205) }
```

Border

The CSS property to change the border of an element to YUV 202.0870, 1.4361, 6.0627 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(209, 198, 205) }
```


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

```
.border{ border-color:rgb(209, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 202.0870, 1.4361, 6.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 205) }
```

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

```
.background{ background-color: rgb(209,  
198, 205) }
```

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