

Converting Colors

YUV(213.7600, 4.0623, 3.7185)

Have a look what the booklet for
YUV(213.7600, 4.0623, 3.7185)
contains.

| | |
|--|----|
| YUV(213.7600, 4.0623, 3.7185) | 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(213.7600, 4.0623,
3.7185)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAD2DE |
| RGB | 218, 210, 222 |
| RGB Percent | 85%, 82%, 87% |
| CMY | 0.1451, 0.1765, 0.1294 |
| CMYK | 0.02, 0.05, 0.00, 0.13 |
| HSL | 280°, 15%, 85% |
| HSV | 280°, 5%, 87% |
| XYZ | 65.1449, 66.2725, 78.4656 |
| YIQ | 213.7600, 0.9160, 5.4280 |

Conversions

Conversions Part 2

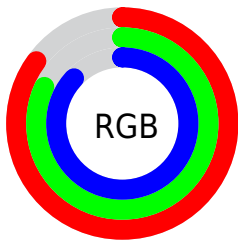
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 218, 210, 222 |
| Decimal | 14340830 |
| CIE Lab | 85.14, 4.92, -4.94 |
| CIE LCh | 85, 6.967, 314.865 |
| Yxy | 66.2725, 0.3104, 0.3158 |
| Android (android.graphics.Color) | 4292530910 (0xFFDAD2DE) |
| YUV | 213.7600, 4.0623, 3.7185 |
| Hunter-Lab | 81.4079, 0.3766, -0.1615 |

Details

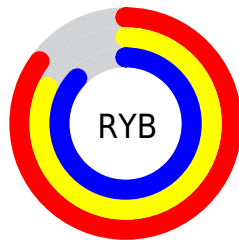
The YUV color `213.7600, 4.0623, 3.7185` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `218.2400, -4.0623, -3.7185`, and the grayscale version is `214.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `159.3470, 3.7729, 3.2037` is the 20% darker color. If you saturate the color by 10%, you get `198.7530, 11.4608, 10.7406`, and if you desaturate by 10%, it is `228.7670, -3.3361, -3.3037`.

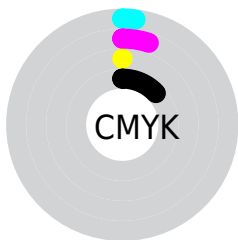
Distribution



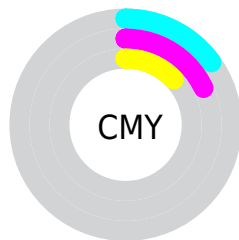
- Red (85%)
- Green (82%)
- Blue (87%)



- Red (85%)
- Yellow (82%)
- Blue (87%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7600, 4.0623, 3.7185 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 213.7600, 4.0623, 3.7185 by changing the saturation by 10% instead.

■ 213.7600, 4.0623,
3.7185

■ 213.7600, 4.0623,
3.7185

255.0000, 0.0000,
0.0000

■ 185.7600, 4.0623,
3.7185

■ 159.3470, 3.7729,
3.2037

■ 133.3470, 3.7729,
3.2037

■ 107.3470, 3.7729,
3.2037

■ 83.3470, 3.7729,
3.2037

■ 60.2330, 3.3361,
3.3037

■ 38.8200, 3.0467,

2.7889

■ 18.1190, 2.8993,
3.4036

■ 0.0000, 0.0000,
0.0000

■ 213.7600, 4.0623,
3.7185

■ 213.7600, 4.0623,
3.7185

■ 198.7530, 11.4608,
10.7406

■ 228.7670, -3.3361,
-3.3037

■ 183.4470, 19.0066,
17.1480

■ 244.0730,
-10.8820, -9.7110

■ 167.8530, 26.6945,
24.6849

■ 246.7530,
-12.2032, -5.9224

■ 152.5470, 34.2403,
31.0923

■ 249.1450,
-13.3825, -1.0042

■ 137.5400, 41.6388,
38.1144

■ 251.2380,
-14.4143, 3.2993

■ 122.5330, 49.0372,
45.1366

■ 107.2270, 56.5831,
51.5439

■ 91.6330, 64.2709,
59.0809

■ 76.3270, 71.8168,
65.4882

Harmonies

Analogous

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



212.8840, 5.9732, -2.5293



213.7600, 4.0623, 3.7185



214.2830, 0.8465, 8.5218

Triad

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



213.7600, 4.0623, 3.7185



213.0350, -6.4263, 7.8623



210.9060, 2.5113, -12.1956

Complementary

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



213.7600, 4.0623, 3.7185



218.2400, -4.0623, -3.7185

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.



210.7170, -0.8465, -8.5218



213.7600, 4.0623, 3.7185



212.1160, -5.9732, 2.5293

Square

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



213.7600, 4.0623, 3.7185



213.5130, -4.6899, 10.9511



211.2400, -4.0623, -3.7185



211.3020, 5.2741, -11.6659

Rectangle

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



213.7600, 4.0623, 3.7185



214.1370, -1.0535, 11.2809



211.2400, -4.0623, -3.7185



210.8630, 1.0535, -11.2809

Sweetspot

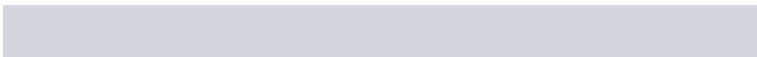
The Sweet Spot groups the original color and five complimentary colors.



213.7600, 4.0623, 3.7185



251.4670, 1.7418, 1.3444



213.7160, 4.0840, -3.2589



125.9400, 1.0156, 0.9296



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.



213.7600, 4.0623, 3.7185



244.7000, 5.0779, 4.6481



214.7280, 2.5991, 6.3775



106.7060, 2.6099, 2.8888



55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Inverse Universe

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



214.0440, -0.0217, 6.9774



245.0550, -0.0271, 8.7218



217.2720, -2.5991, -6.3775



106.7340, 0.1311, 4.6183



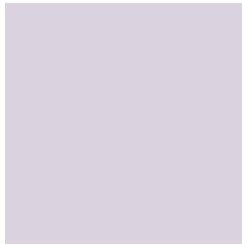
59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 213.7600, 4.0623, 3.7185 looks on a white background.

Color Contrast Check

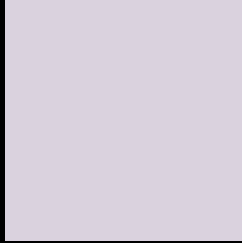
Large Text (above 18pt) WCAG AA × Fail

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 213.7600, 4.0623, 3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

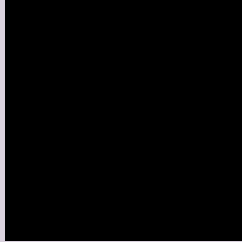
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

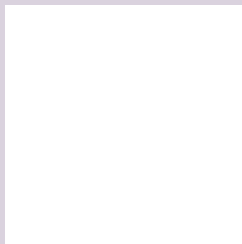
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.7600, 4.0623, 3.7185

Background



This preview shows how black text looks on a background with the YUV color 213.7600, 4.0623, 3.7185.



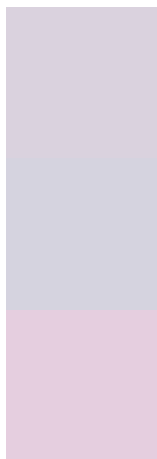
This preview shows how white text looks on a background with the YUV color 213.7600, 4.0623,

3.7185.

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

213.7600, 4.0623, 3.7185

Protanopia

212.9660, 4.9468, 0.0298

Deuteranopia

214.8150, 4.0352, 12.4402



Tritanopia

213.9280, 5.9515, 4.4481

Trichromacy



Original Color

213.7600, 4.0623, 3.7185

Protanomaly

213.5640, 4.6519, 1.2594

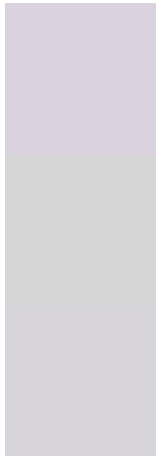
Deuteranomaly

214.2060, 4.3354, 9.4663

Tritanomaly

213.8140, 5.5147, 4.5481

Monochromacy



Original Color

213.7600, 4.0623, 3.7185

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7600, 4.0623, 3.7185 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(218, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 222)  
}
```

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(218, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 222) }
```

Border

The CSS property to change the border of an element to YUV 213.7600, 4.0623, 3.7185 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(218, 210, 222) }
```


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

```
.border{ border-color:rgb(218, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 213.7600, 4.0623, 3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 222) }
```

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

```
.background{ background-color: rgb(218,  
210, 222) }
```

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