

Converting Colors

YUV(215.4010, 5.2253, 4.0333)

Have a look what the booklet for
YUV(215.4010, 5.2253, 4.0333)
contains.

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Color

**YUV(215.4010, 5.2253,
4.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD3E2
RGB	220, 211, 226
RGB Percent	86%, 83%, 89%
CMY	0.1373, 0.1725, 0.1137
CMYK	0.03, 0.07, 0.00, 0.11
HSL	276°, 21%, 86%
HSV	276°, 7%, 89%
XYZ	66.5369, 67.2952, 81.4339
YIQ	215.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

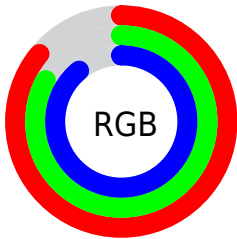
Format	Color
R _Y B	220, 211, 226
Decimal	14472162
CIE Lab	85.65, 5.80, -6.28
CIE LCh	86, 8.550, 312.741
Yxy	67.2952, 0.3091, 0.3126
Android (android.graphics.Color)	4292662242 (0xFFD3D3E2)
YUV	215.4010, 5.2253, 4.0333
Hunter-Lab	82.0336, 1.2213, -1.4330

Details

The YUV color `215.4010, 5.2253, 4.0333` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.5990, -5.2253, -4.0333`, and the grayscale version is `215.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `160.9880, 4.9359, 3.5185` is the 20% darker color. If you saturate the color by 10%, you get `199.2090, 13.2080, 10.3407`, and if you desaturate by 10%, it is `231.5930, -2.7573, -2.2741`.

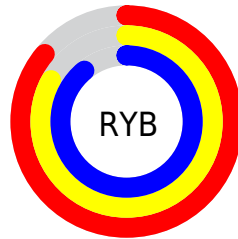
Distribution



Red (86%)

Green (83%)

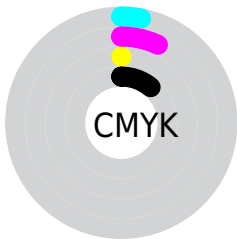
Blue (89%)



Red (86%)

Yellow (83%)

Blue (89%)

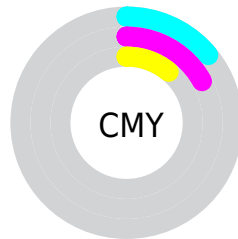


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4010, 5.2253, 4.0333 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 215.4010, 5.2253, 4.0333 by changing the saturation by 10% instead.

■ 215.4010, 5.2253,
4.0333

■ 215.4010, 5.2253,
4.0333

255.0000, 0.0000,
0.0000

■ 187.4010, 5.2253,
4.0333

■ 160.9880, 4.9359,
3.5185

■ 134.2870, 4.7885,
4.1333

■ 108.9880, 4.9359,
3.5185

■ 84.8740, 4.4991,
3.6185

■ 61.4610, 4.2097,
3.1037

■ 40.0480, 3.9203,

2.5889

■ 19.3470, 3.7729,
3.2037

■ 0.0000, 0.0000,
0.0000

■ 215.4010, 5.2253,
4.0333

■ 215.4010, 5.2253,
4.0333

■ 199.2090, 13.2080,
10.3407

■ 231.5930, -2.7573,
-2.2741

■ 183.6040, 20.9012,
16.1333

■ 246.6110,
-10.1612, -7.5518

■ 167.4120, 28.8839,
22.4407

■ 249.3020,
-11.4879, -2.0189

■ 151.8070, 36.5771,
28.2333

■ 251.6940,
-12.6671, 2.8994

■ 135.6150, 44.5598,
34.5406

■ 119.4230, 52.5425,
40.8480

■ 103.8180, 60.2357,
46.6406

■ 87.6260, 68.2184,
52.9480

■ 72.0210, 75.9116,
58.7406

Harmonies

Analogous

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



214.6280, 7.5784, -4.0588



215.4010, 5.2253, 4.0333



215.8210, 1.5672, 10.6810

Triad

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



215.4010, 5.2253, 4.0333



214.7040, -7.7421, 9.9066



211.5960, 2.6642, -14.5547

Complementary

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



215.4010, 5.2253, 4.0333



221.5990, -5.2253, -4.0333

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.



212.1790, -1.5672, -10.6810



215.4010, 5.2253, 4.0333



213.6600, -7.7204, 2.9292

Square

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



215.4010, 5.2253, 4.0333



215.4810, -6.1531, 13.6102



212.5990, -5.2253, -4.0333



211.9210, 6.4479, -14.8397

Rectangle

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



215.4010, 5.2253, 4.0333



216.1480, -1.0590, 13.0252



212.5990, -5.2253, -4.0333



211.6670, 1.6432, -13.7400

Sweetspot

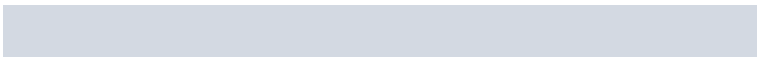
The Sweet Spot groups the original color and five complimentary colors.



215.4010, 5.2253, 4.0333



251.4670, 1.7418, 1.3444



216.2320, 4.8156, -4.5885



125.6410, 1.1630, 0.3148



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.



215.4010, 5.2253, 4.0333



240.8680, 6.9671, 5.3778



217.0810, 3.9041, 7.8220



104.3470, 3.7729, 3.2037



51.7580, 61.2513, 47.5702



14.1430, 16.6915, 13.0296

Inverse Universe

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



216.1690, 0.4097, 8.6218



241.8920, 0.5462, 11.4957



219.9190, -3.9041, -7.8220



104.7450, 0.1257, 6.3626



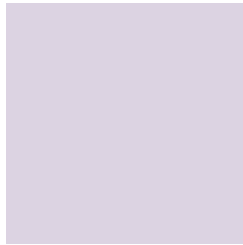
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 215.4010, 5.2253, 4.0333 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 215.4010, 5.2253, 4.0333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

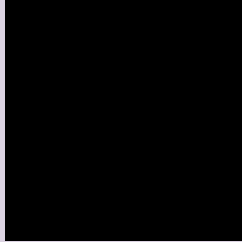
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

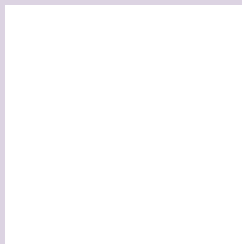
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.4010, 5.2253, 4.0333

Background



This preview shows how black text looks on a background with the YUV color 215.4010, 5.2253, 4.0333.



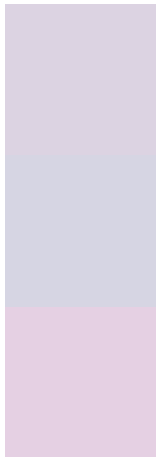
This preview shows how white text looks on a background with the YUV color 215.4010, 5.2253,

4.0333.

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

215.4010, 5.2253, 4.0333

Protanopia

214.8950, 5.9678, -0.7849

Deuteranopia

216.4450, 5.2036, 11.0107



Tritanopia

215.5150, 5.6621, 3.9333

Trichromacy



Original Color

215.4010, 5.2253, 4.0333

Protanomaly

214.9060, 5.9623, 0.9594

Deuteranomaly

216.1350, 5.3564, 8.6516

Tritanomaly

215.5150, 5.6621, 3.9333

Monochromacy



Original Color

215.4010, 5.2253, 4.0333

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.4670, 1.7418, 1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4010, 5.2253, 4.0333 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(220, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 211, 226)  
}
```

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(220, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 211, 226) }
```

Border

The CSS property to change the border of an element to YUV 215.4010, 5.2253, 4.0333 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(220, 211, 226) }
```


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

```
.border{ border-color:rgb(220, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 211,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 215.4010, 5.2253, 4.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 211, 226) }
```

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

```
.background{ background-color: rgb(220,  
211, 226) }
```

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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