

Converting Colors

YUV(215.5020, 12.0775,
-0.4403)

Have a look what the booklet for
YUV(215.5020, 12.0775, -0.4403)
contains.

YUV(215.5020, 12.0775, -0.4403)	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(215.5020, 12.0775,
-0.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D3F0
RGB	215, 211, 240
RGB Percent	84%, 83%, 94%
CMY	0.1569, 0.1725, 0.0588
CMYK	0.10, 0.12, 0.00, 0.06
HSL	248°, 49%, 88%
HSV	248°, 12%, 94%
XYZ	67.0468, 67.3269, 91.8997
YIQ	215.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

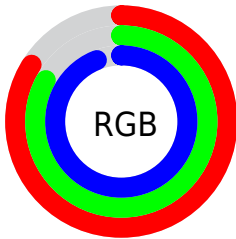
Format	Color
R _Y B	215, 211, 240
Decimal	14144496
CIE Lab	85.67, 6.86, -13.72
CIE LCh	86, 15.339, 296.585
Yxy	67.3269, 0.2963, 0.2975
Android (android.graphics.Color)	4292334576 (0xFFD7D3F0)
YUV	215.5020, 12.0775, -0.4403
Hunter-Lab	82.0530, 2.2625, -8.9680

Details

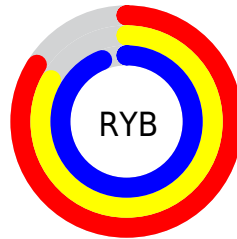
The YUV color $215.5020, 12.0775, -0.4403$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $235.4980, -12.0775, 0.4403$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.9750, 11.3513, -0.8551$ is the 20% darker color. If you saturate the color by 10%, you get $195.1350, 22.1184, -0.9954$, and if you desaturate by 10%, it is $235.8690, 2.0366, 0.1149$.

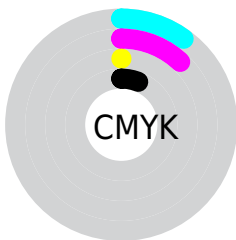
Distribution



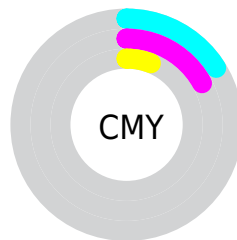
- Red (84%)
- Green (83%)
- Blue (94%)



- Red (84%)
- Yellow (83%)
- Blue (94%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5020, 12.0775, -0.4403 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 215.5020, 12.0775, -0.4403 by changing the saturation by 10% instead.

■ 215.5020, 12.0775,
-0.4403

■ 215.5020, 12.0775,
-0.4403

255.0000, 0.0000,
0.0000

■ 187.5020, 12.0775,
-0.4403

■ 160.9750, 11.3513,
-0.8551

■ 134.2740, 11.2039,
-0.2403

■ 108.8610, 10.9145,
-0.7551

■ 84.7470, 10.4777,
-0.6551

■ 61.6330, 10.0409,
-0.5551

■ 39.6930, 9.0254,

-1.4848

■ 18.9920, 8.8779,
-0.8700

■ 2.2970, 6.2626,
-2.0145

■ 215.5020, 12.0775,
-0.4403

■ 215.5020, 12.0775,
-0.4403

■ 195.1350, 22.1184,
-0.9954

■ 235.8690, 2.0366,
0.1149

■ 175.0670, 32.0120,
-0.9358

■ 253.2900, -6.5520,
1.4997

■ 154.7000, 42.0529,
-1.4909

■ 134.3330, 52.0938,
-2.0460

■ 114.2650, 61.9874,
-1.9864

■ 93.8980, 72.0283,
-2.5415

■ 73.5310, 82.0692,
-3.0967

■ 53.1640, 92.1101,
-3.6518

■ 37.2270, 99.9671,
-3.7071

Harmonies

Analogous

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



213.3970, 14.5943, -14.3802



215.5020, 12.0775, -0.4403



217.0970, 6.3612, 13.0699

Triad

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



215.5020, 12.0775, -0.4403



215.5160, -12.5794, 21.4725



209.4870, 1.2389, -24.1061

Complementary

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



215.5020, 12.0775, -0.4403



235.4980, -12.0775, 0.4403

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.



210.6040, -6.2138, -13.6847



215.5020, 12.0775, -0.4403



214.2930, -14.4414, 12.0210

Square

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



215.5020, 12.0775, -0.4403



216.6180, -7.2067, 24.8910



212.1990, -11.9301, -0.1745



209.1150, 8.8173, -28.1649

Rectangle

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



215.5020, 12.0775, -0.4403



217.2890, 1.8295, 19.9175



212.1990, -11.9301, -0.1745



209.5260, -1.2453, -20.6323

Sweetspot

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



215.5020, 12.0775, -0.4403



246.4390, 4.2206, -0.3850



228.9810, 5.4324, -15.7693



122.0970, 2.9102, -0.0851



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.



215.5020, 12.0775, -0.4403



222.8270, 15.8613, -0.7253



219.6880, 10.0138, 8.1666



109.9660, 4.9468, 0.0298



28.4510, 76.6857, -3.0265



8.7760, 23.2814, -0.6806

Inverse Universe

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



222.5210, 6.6451, 15.3291



232.1240, 8.8129, 20.0623



231.3120, -10.0138, -8.1666



112.7280, 2.5991, 6.3775



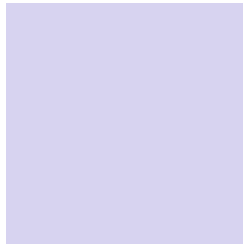
73.0280, 41.8912, 97.3224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 215.5020, 12.0775, -0.4403 looks on a white background.

Color Contrast Check

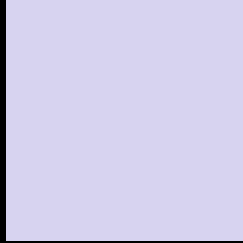
Large Text (above 18pt) WCAG AA × Fail

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 215.5020, 12.0775, -0.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

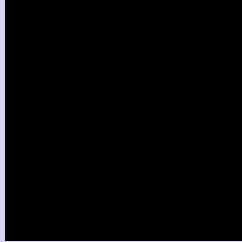
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.5020, 12.0775, -0.4403

Background



This preview shows how black text looks on a background with the YUV color 215.5020, 12.0775, -0.4403.



This preview shows how white text looks on a background with the YUV color 215.5020, 12.0775, -0.4403.

-0.4403.

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

215.5020, 12.0775, -0.4403

Protanopia

214.7080, 12.9620, -4.1289

Deuteranopia

216.2470, 12.2032, 5.9224



Tritanopia

214.9380, 7.4256, -1.6996

Trichromacy



Original Color

215.5020, 12.0775, -0.4403

Protanomaly

215.3060, 12.6671, -2.8994

Deuteranomaly

215.9370, 12.3561, 3.5633

Tritanomaly

215.1060, 9.3147, -0.9700

Monochromacy



Original Color

215.5020, 12.0775, -0.4403

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5020, 12.0775, -0.4403 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(215, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 240)  
}
```

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(215, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 240) }
```

Border

The CSS property to change the border of an element to YUV 215.5020, 12.0775, -0.4403 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(215, 211, 240) }
```


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

```
.border{ border-color:rgb(215, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 215.5020, 12.0775, -0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 240) }
```

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

```
.background{ background-color: rgb(215,  
211, 240) }
```

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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