

Converting Colors

YUV(216.6110, 10.0518,
-4.0438)

Have a look what the booklet for
YUV(216.6110, 10.0518, -4.0438)
contains.

YUV(216.6110, 10.0518, -4.0438)	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(216.6110, 10.0518,
-4.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D7ED
RGB	212, 215, 237
RGB Percent	83%, 84%, 93%
CMY	0.1686, 0.1569, 0.0706
CMYK	0.11, 0.09, 0.00, 0.07
HSL	233°, 41%, 88%
HSV	233°, 11%, 93%
XYZ	66.7379, 68.7124, 89.8661
YIQ	216.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

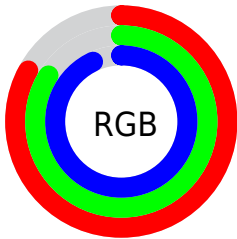
Format	Color
R _Y B	212, 215, 237
Decimal	13948909
CIE Lab	86.36, 3.19, -11.12
CIE LCh	86, 11.569, 286.030
Yxy	68.7124, 0.2962, 0.3050
Android (android.graphics.Color)	4292138989 (0xFFD4D7ED)
YUV	216.6110, 10.0518, -4.0438
Hunter-Lab	82.8929, -1.3505, -6.2526

Details

The YUV color $216.6110, 10.0518, -4.0438$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.3890, -10.0518, 4.0438$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.4970, 9.6150, -3.9439$ is the 20% darker color. If you saturate the color by 10%, you get $197.1080, 19.6668, -7.9877$, and if you desaturate by 10%, it is $236.1140, 0.4368, -0.1000$.

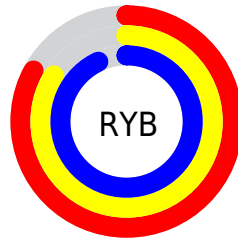
Distribution



Red (83%)

Green (84%)

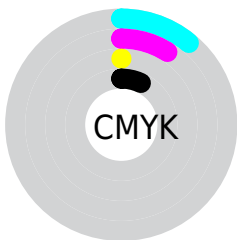
Blue (93%)



Red (83%)

Yellow (84%)

Blue (93%)

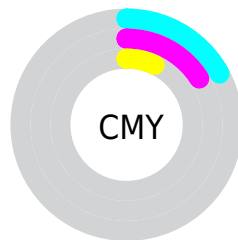


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (17%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6110, 10.0518, -4.0438 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 216.6110, 10.0518, -4.0438 by changing the saturation by 10% instead.

■ 216.6110, 10.0518,
-4.0438

■ 216.6110, 10.0518,
-4.0438

255.0000, 0.0000,
0.0000

■ 188.6110, 10.0518,
-4.0438

■ 161.4970, 9.6150,
-3.9439

■ 135.3830, 9.1782,
-3.8439

■ 110.2690, 8.7414,
-3.7439

■ 86.1550, 8.3046,
-3.6439

■ 62.7420, 8.0152,
-4.1587

■ 40.6280, 7.5784,

-4.0588

■ 19.9270, 7.4310,
-3.4440

■ 1.3680, 5.2416,
-1.1997

■ 216.6110, 10.0518,
-4.0438

■ 216.6110, 10.0518,
-4.0438

■ 197.1080, 19.6668,
-7.9877

■ 236.1140, 0.4368,
-0.1000

■ 177.9040, 29.1343,
-11.3168

■ 252.9480, -7.8624,
1.7996

■ 158.4010, 38.7493,
-15.2607

■ 139.4850, 48.0749,
-19.7193

■ 119.9820, 57.6899,
-23.6632

■ 100.7780, 67.1574,
-26.9923

■ 81.2750, 76.7724,
-30.9362

■ 61.7720, 86.3874,
-34.8800

■ 43.4540, 95.4182,
-38.1092

Harmonies

Analogous

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



215.0720, 10.8105, -14.0951



216.6110, 10.0518, -4.0438



218.0530, 6.3829, 6.0925

Triad

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



216.6110, 10.0518, -4.0438



217.3460, -8.0586, 18.1136



212.5590, -1.2616, -15.3992

Complementary

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



216.6110, 10.0518, -4.0438



232.3890, -10.0518, 4.0438

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.



213.6480, -6.2355, -6.7073



216.6110, 10.0518, -4.0438



216.6180, -10.6577, 11.7360

Square

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



216.6110, 10.0518, -4.0438



218.3830, -4.1328, 18.9581



215.0900, -9.9044, 3.4291



212.7200, 4.5750, -20.8024

Rectangle

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



216.6110, 10.0518, -4.0438



218.5870, 3.1616, 12.6402



215.0900, -9.9044, 3.4291



213.1140, -3.0142, -13.2550

Sweetspot

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



216.6110, 10.0518, -4.0438



248.4990, 3.2050, -1.3146



229.1830, 2.3748, -15.0695



123.2710, 2.3314, -1.1147



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.



216.6110, 10.0518, -4.0438



228.1100, 13.2568, -5.3585



217.5410, 9.5933, 3.0335



107.8410, 4.5154, -1.6146



33.5480, 72.6938, -29.4216



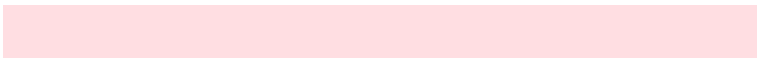
9.6780, 21.8507, -8.4876

Inverse Universe

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



219.8170, -2.3748, 15.0695



232.3230, -3.1172, 19.8877



231.4590, -9.5933, -3.0335



109.4030, -1.1847, 6.6626



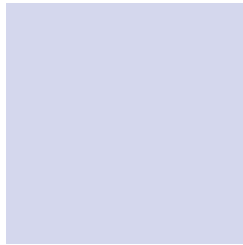
56.6270, -17.0711, 109.0751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 216.6110, 10.0518, -4.0438 looks on a white background.

Color Contrast Check

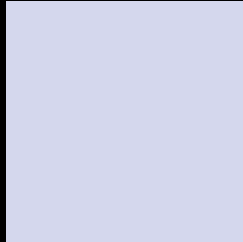
Large Text (above 18pt) WCAG AA × Fail

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 216.6110, 10.0518, -4.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

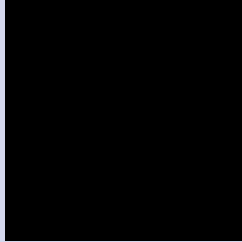
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

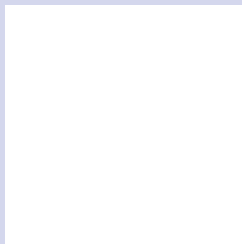
Any Text WCAG AAA ✓ Pass

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

YUV 216.6110, 10.0518, -4.0438 Background



This preview shows how black text looks on a background with the YUV color 216.6110, 10.0518, -4.0438.



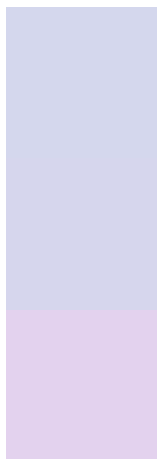
This preview shows how white text looks on a background with the YUV color 216.6110, 10.0518, -4.0438.

-4.0438.

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

216.6110, 10.0518, -4.0438

Protanopia

216.6220, 10.0464, -2.2995

Deuteranopia

218.2750, 9.7244, 7.6518



Tritanopia

216.4430, 8.1626, -4.7735

Trichromacy



Original Color

216.6110, 10.0518, -4.0438

Protanomaly

216.3230, 10.1938, -2.9143

Deuteranomaly

217.9540, 9.8827, 3.5483

Tritanomaly

216.5570, 8.5994, -4.8735

Monochromacy



Original Color

216.6110, 10.0518, -4.0438

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.6130, 3.6418, -1.4146

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6110, 10.0518, -4.0438 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(212, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 237)  
}
```

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(212, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 237) }
```

Border

The CSS property to change the border of an element to YUV 216.6110, 10.0518, -4.0438 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(212, 215, 237) }
```


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

```
.border{ border-color:rgb(212, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 216.6110, 10.0518, -4.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 237) }
```

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

```
.background{ background-color: rgb(212,  
215, 237) }
```

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