

Converting Colors

YUV(215.6100, 4.6293,
-38.2460)

Have a look what the booklet for
YUV(215.6100, 4.6293, -38.2460)
contains.

YUV(215.6100, 4.6293, -38.2460)	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(215.6100, 4.6293,
-38.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECE1
RGB	172, 236, 225
RGB Percent	67%, 93%, 88%
CMY	0.3255, 0.0745, 0.1176
CMYK	0.27, 0.00, 0.05, 0.07
HSL	170°, 63%, 80%
HSV	170°, 27%, 93%
XYZ	60.5993, 74.1978, 82.3618
YIQ	215.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

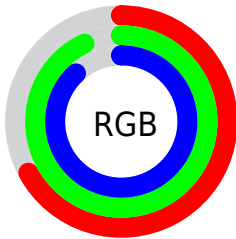
Format	Color
R _Y B	172, 207, 236
Decimal	11332833
CIE Lab	89.02, -22.31, -1.17
CIE LCh	89, 22.344, 182.995
Yxy	74.1978, 0.2791, 0.3417
Android (android.graphics.Color)	4289522913 (0xFFACECE1)
YUV	215.6100, 4.6293, -38.2460
Hunter-Lab	86.1381, -25.1647, 3.6060

Details

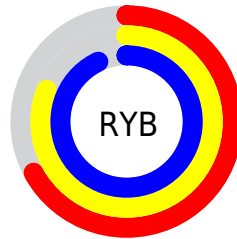
The YUV color $215.6100, 4.6293, -38.2460$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $192.3900, -4.6293, 38.2460$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2260, 3.8326, -15.9842$, and $160.3220, 4.7713, -37.1164$ is the 20% darker color. If you saturate the color by 10%, you get $207.9780, 6.4198, -52.6007$, and if you desaturate by 10%, it is $223.2420, 2.8387, -23.8912$.

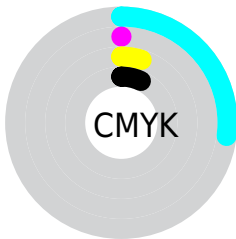
Distribution



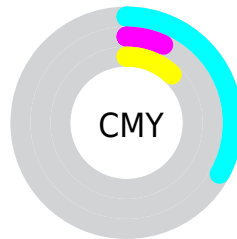
- Red (67%)
- Green (93%)
- Blue (88%)



- Red (67%)
- Yellow (81%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6100, 4.6293, -38.2460 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 215.6100, 4.6293, -38.2460 by changing the saturation by 10% instead.

■ 215.6100, 4.6293,
-38.2460

■ 215.6100, 4.6293,
-38.2460

255.0000, 0.0000,
0.0000

■ 187.9090, 4.4819,
-37.6312

■ 247.2260, 3.8326,
-15.9842

■ 160.3220, 4.7713,
-37.1164

■ 133.3220, 4.7713,
-37.1164

■ 107.4360, 5.2081,
-37.2164

■ 82.1370, 5.3555,
-37.8311

■ 54.9730, 7.4083,
-42.9493

■ 37.0560, 4.9024,

-32.4981

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,
0.0000

■ 215.6100, 4.6293,
-38.2460

■ 215.6100, 4.6293,
-38.2460

■ 207.9780, 6.4198,
-52.6007

■ 223.2420, 2.8387,
-23.8912

■ 200.6450, 8.0630,
-66.3407

■ 230.5750, 1.1955,
-10.1513

■ 193.0130, 9.8536,
-80.6954

■ 238.2070, -0.5951,
4.2035

■ 185.6800, 11.4968,
-94.4354

■ 242.2510, -0.6167,
11.1809

■ 178.0480, 13.2873,
-108.7901

■ 242.7070, 1.1304,
10.7810

■ 170.4160, 15.0779,
-123.1448

■ 243.1630, 2.8776,
10.3810

■ 163.0830, 16.7211,
-136.8848

■ 243.6190, 4.6248,
9.9811

■ 160.7620, 16.8793,
-140.9883

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



217.4240, -6.6180, -24.0508



215.6100, 4.6293, -38.2460



215.6230, 14.9759, -43.5194

Triad

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



215.6100, 4.6293, -38.2460



225.2190, 14.6820, 4.1929



224.2410, -18.8528, 26.9756

Complementary

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



215.6100, 4.6293, -38.2460



192.3900, -4.6293, 38.2460

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.



222.4290, -10.5645, 28.5648



215.6100, 4.6293, -38.2460



227.2060, 7.7864, 22.6213

Square

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



215.6100, 4.6293, -38.2460



221.5430, 16.4943, -17.1392



224.2360, -1.1023, 26.9800



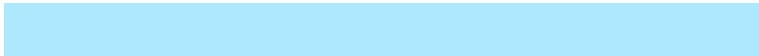
222.6970, -20.5566, 13.4207

Rectangle

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



215.6100, 4.6293, -38.2460



217.2690, 18.6014, -39.7009



224.2360, -1.1023, 26.9800



223.5230, -16.5268, 27.6053

Sweetspot

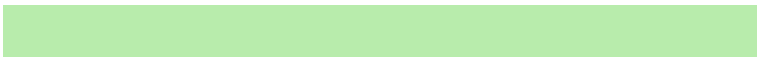
The Sweet Spot groups the original color and five complimentary colors.



215.6100, 4.6293, -38.2460



248.5640, 1.2009, -11.8956



213.1560, -20.2899, -25.5698



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



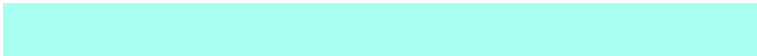
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.6100, 4.6293, -38.2460



228.2880, 6.2670, -50.2416



205.1240, 15.2219, -29.0497



113.4830, 0.7479, -6.5626



123.3470, 13.1399, -108.1753



36.7140, 3.5920, -32.1982

Inverse Universe

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



192.3900, -4.6293, 38.2460



197.7120, -6.2670, 50.2416



202.8760, -15.2219, 29.0497



109.5170, -0.7479, 6.5626



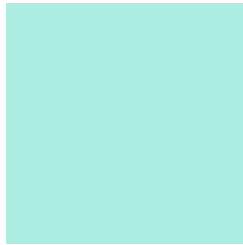
57.6530, -13.1399, 108.1753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 215.6100, 4.6293, -38.2460 looks on a white background.

Color Contrast Check

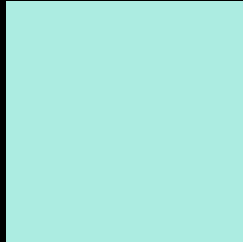
Large Text (above 18pt) WCAG AA × Fail

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 215.6100, 4.6293, -38.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

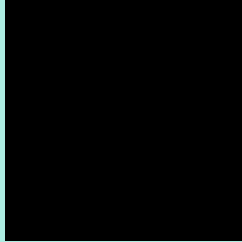
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

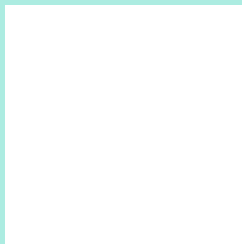
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.6100, 4.6293, -38.2460

Background



This preview shows how black text looks on a background with the YUV color 215.6100, 4.6293, -38.2460.



This preview shows how white text looks on a background with the YUV color 215.6100, 4.6293, -38.2460.

-38.2460.

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

215.6100, 4.6293, -38.2460

Protanopia

223.2240, -3.0684, 4.1886

Deuteranopia

224.9570, 1.9932, 14.0697



Tritanopia

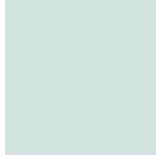
218.0200, 16.2591, -35.0975

Trichromacy



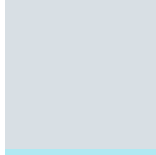
Original Color

215.6100, 4.6293, -38.2460



Protanomaly

220.5210, -0.2569, -10.9809



Deuteranomaly

221.4770, 3.2158, -4.8033



Tritanomaly

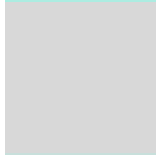
216.9830, 12.3334, -35.9421

Monochromacy



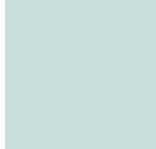
Original Color

215.6100, 4.6293, -38.2460



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.6670, 1.6432, -13.7400

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6100, 4.6293, -38.2460 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(172, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 225)  
}
```

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(172, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 225) }
```

Border

The CSS property to change the border of an element to YUV 215.6100, 4.6293, -38.2460 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(172, 236, 225) }
```


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

```
.border{ border-color:rgb(172, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 215.6100, 4.6293, -38.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 225) }
```

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

```
.background{ background-color: rgb(172,  
236, 225) }
```

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