

Converting Colors

YUV(204.6100, -8.6817,
-15.4440)

Have a look what the booklet for
YUV(204.6100, -8.6817, -15.4440)
contains.

YUV(204.6100, -8.6817, -15.4440)	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(204.6100, -8.6817,
-15.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD9BB
RGB	187, 217, 187
RGB Percent	73%, 85%, 73%
CMY	0.2667, 0.1490, 0.2667
CMYK	0.14, 0.00, 0.14, 0.15
HSL	120°, 28%, 79%
HSV	120°, 14%, 85%
XYZ	54.2760, 63.7784, 56.4635
YIQ	204.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

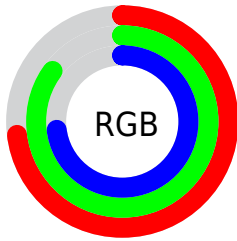
Format	Color
RYB	187, 217, 217
Decimal	12310971
CIELab	83.85, -15.57, 11.47
CIELCh	84, 19.340, 143.610
Yxy	63.7784, 0.3110, 0.3655
Android (android.graphics.Color)	4290501051 (0xFFBBD9BB)
YUV	204.6100, -8.6817, -15.4440
Hunter-Lab	79.8614, -18.4438, 13.9838

Details

The YUV color $204.6100, -8.6817, -15.4440$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $199.3900, 8.6817, 15.4440$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0440, -3.4727, -6.1776$, and $150.4360, -8.1029, -14.4144$ is the 20% darker color. If you saturate the color by 10%, you get $195.5240, -15.0483, -26.7695$, and if you desaturate by 10%, it is $213.6960, -2.3151, -4.1184$.

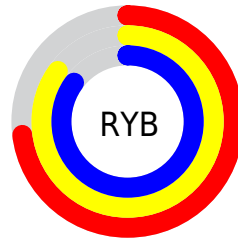
Distribution



Red (73%)

Green (85%)

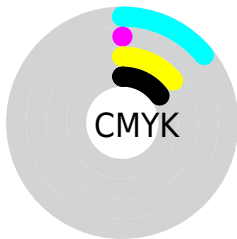
Blue (73%)



Red (73%)

Yellow (85%)

Blue (85%)

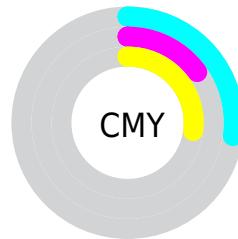


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6100, -8.6817, -15.4440 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 204.6100, -8.6817, -15.4440 by changing the saturation by 10% instead.

■ 204.6100, -8.6817,
-15.4440

■ 204.6100, -8.6817,
-15.4440

255.0000, 0.0000,
0.0000

■ 177.0230, -8.3923,
-14.9292

■ 250.0440, -3.4727,
-6.1776

■ 150.4360, -8.1029,
-14.4144

■ 124.4360, -8.1029,
-14.4144

■ 98.9630, -7.3768,
-13.9996

■ 75.3760, -7.0874,
-13.4848

■ 52.4900, -6.6506,
-13.5847

■ 30.4300, -5.6350,

-12.6551

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 204.6100, -8.6817,
-15.4440

■ 204.6100, -8.6817,
-15.4440

■ 195.5240,
-15.0483, -26.7695

■ 213.6960, -2.3151,
-4.1184

■ 186.8510,
-21.1255, -37.5803

■ 222.3690, 3.7621,
6.6924

■ 177.7650,
-27.4921, -48.9059

■ 231.4550, 10.1287,
18.0180

■ 168.6790,
-33.8587, -60.2315

■ 232.6940, 10.9969,
19.5624

■ 159.5930,
-40.2253, -71.5571

■ 150.9200,
-46.3026, -82.3678

■ 141.8340,
-52.6692, -93.6934

■ 132.7480,
-59.0358, -105.0190

■ 127.3790,
-62.7978, -111.7114

Harmonies

Analogous

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



206.7000, -15.1351, 1.1401



204.6100, -8.6817, -15.4440



202.3400, 0.8184, -29.2392

Triad

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



204.6100, -8.6817, -15.4440



207.3900, 18.5417, -20.5130



212.0210, -8.3914, 31.5536

Complementary

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



204.6100, -8.6817, -15.4440



199.3900, 8.6817, 15.4440

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.



212.6920, 0.6448, 26.5801



204.6100, -8.6817, -15.4440



210.7020, 15.4299, -2.3697

Square

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



204.6100, -8.6817, -15.4440



204.1450, 16.6905, -33.4532



212.2050, 9.2659, 14.7292



210.8650, -15.2164, 27.3054

Rectangle

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



204.6100, -8.6817, -15.4440



202.3160, 7.2392, -35.3571



212.2050, 9.2659, 14.7292



212.4060, -5.6232, 30.3389

Sweetspot

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



204.6100, -8.6817, -15.4440



250.8700, -2.8939, -5.1480



213.5800, -13.1039, 2.9993



125.1090, -2.0257, -3.6036



0.0000, 0.0000, 0.0000



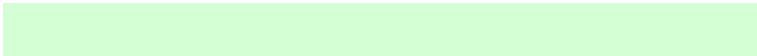
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6100, -8.6817, -15.4440



237.2410, -12.4438, -22.1364



206.3200, -2.1298, -16.9436



105.4570, -3.1833, -5.6628



101.5510, -50.0646, -89.0602



27.0020, -13.3120, -23.6808

Inverse Universe

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



199.3900, 8.6817, 15.4440



229.7590, 12.4438, 22.1364



197.6800, 2.1298, 16.9436



103.5430, 3.1833, 5.6628



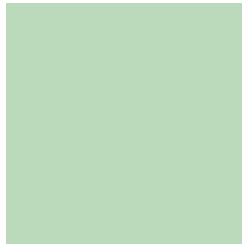
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 204.6100, -8.6817, -15.4440 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 204.6100, -8.6817, -15.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

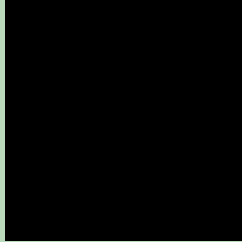
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

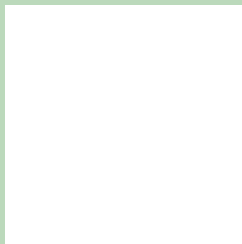
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.6100, -8.6817, -15.4440

Background



This preview shows how black text looks on a background with the YUV color 204.6100, -8.6817, -15.4440.



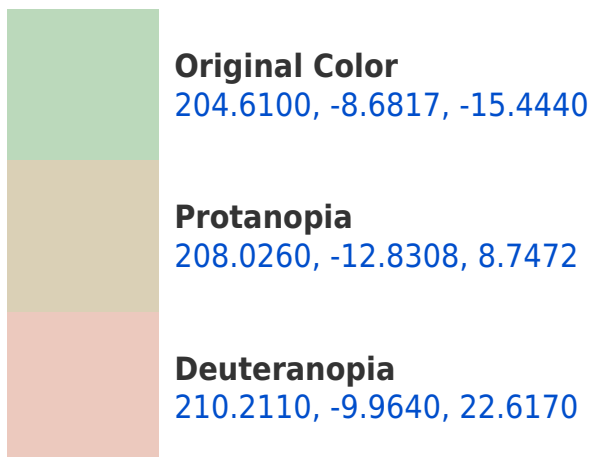
This preview shows how white text looks on a background with the YUV color 204.6100, -8.6817,

-15.4440.

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

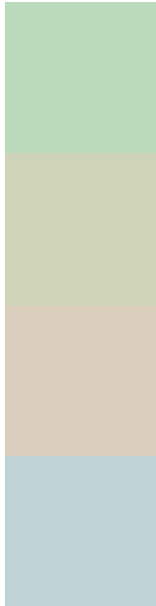




Tritanopia

207.8550, 9.9315, -12.1508

Trichromacy



Original Color

204.6100, -8.6817, -15.4440

Protanomaly

206.7260, -11.2039, 0.2403

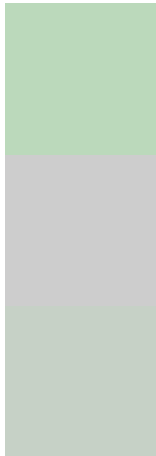
Deuteranomaly

208.2370, -9.4838, 8.5622

Tritanomaly

206.4220, 3.2430, -13.5251

Monochromacy



Original Color

204.6100, -8.6817, -15.4440

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.4570, -3.1833, -5.6628

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6100, -8.6817, -15.4440 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(187, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 187)  
}
```

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(187, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 187) }
```

Border

The CSS property to change the border of an element to YUV 204.6100, -8.6817, -15.4440 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(187, 217, 187) }
```


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

```
.border{ border-color:rgb(187, 217, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 204.6100, -8.6817, -15.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 187) }
```

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

```
.background{ background-color: rgb(187,  
217, 187) }
```

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