

Converting Colors

YUV(200.7640, -15.6597,
-17.3330)

Have a look what the booklet for
YUV(200.7640, -15.6597, -17.3330)
contains.

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Color

**YUV(200.7640, -15.6597,
-17.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D9A9
RGB	181, 217, 169
RGB Percent	71%, 85%, 66%
CMY	0.2902, 0.1490, 0.3373
CMYK	0.17, 0.00, 0.22, 0.15
HSL	105°, 39%, 76%
HSV	105°, 22%, 85%
XYZ	51.0303, 62.3140, 46.8743
YIQ	200.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

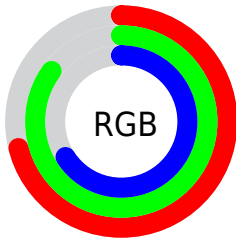
Format	Color
R _{YB}	169, 217, 205
Decimal	11917737
CIE _{Lab}	83.08, -20.69, 19.81
CIE _{LCh}	83, 28.645, 136.240
Yxy	62.3140, 0.3185, 0.3889
Android (android.graphics.Color)	4290107817 (0xFFB5D9A9)
YUV	200.7640, -15.6597, -17.3330
Hunter-Lab	78.9392, -22.7522, 20.0509

Details

The YUV color $200.7640, -15.6597, -17.3330$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $185.2360, 15.6597, 17.3330$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0840, -10.8874, -7.9667$, and $146.7040, -14.6441, -16.4034$ is the 20% darker color. If you saturate the color by 10%, you get $193.4720, -22.9107, -24.9699$, and if you desaturate by 10%, it is $208.0560, -8.4086, -9.6961$.

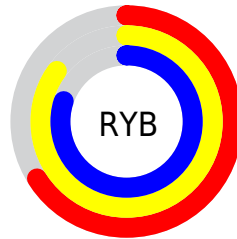
Distribution



Red (71%)

Green (85%)

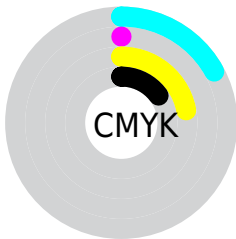
Blue (66%)



Red (66%)

Yellow (85%)

Blue (80%)

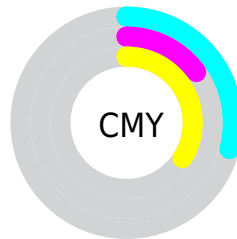


Cyan (17%)

Magenta (0%)

Yellow (22%)

Black (15%)



Cyan (29%)

Magenta (15%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7640, -15.6597, -17.3330 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 200.7640, -15.6597, -17.3330 by changing the saturation by 10% instead.

■ 200.7640,
-15.6597, -17.3330

■ 200.7640,
-15.6597, -17.3330

255.0000, 0.0000,
0.0000

■ 173.1770,
-15.3703, -16.8182

■ 246.0840,
-10.8874, -7.9667

■ 146.7040,
-14.6441, -16.4034

254.7720, -0.8736,
0.2000

■ 120.8180,
-14.2073, -16.5034

■ 95.3450, -13.4811,
-16.0886

■ 71.7580, -13.1917,
-15.5738

■ 48.3990, -12.0287,
-15.2589

■ 26.4700, -13.0497,

-14.4442

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 200.7640,
-15.6597, -17.3330

■ 200.7640,
-15.6597, -17.3330

■ 193.4720,
-22.9107, -24.9699

■ 208.0560, -8.4086,
-9.6961

■ 185.9950,
-29.5775, -33.3216

■ 215.5330, -1.7418,
-1.3444

■ 178.7030,
-36.8286, -40.9585

■ 222.8250, 5.5093,
6.2925

■ 171.4110,
-44.0796, -48.5954

■ 230.0030, 12.3235,
14.0294

■ 164.2330,
-50.8939, -56.3323

■ 232.6940, 10.9969,
19.5624

■ 156.6420,
-57.9975, -64.5840

■ 149.3500,
-65.2485, -72.2209

■ 143.5250,
-70.7578, -78.5134

Harmonies

Analogous

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



204.3280, -24.3187, 6.7283



200.7640, -15.6597, -17.3330



196.8780, -1.9119, -40.2350

Triad

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



200.7640, -15.6597, -17.3330



201.0440, 26.6003, -38.6266



208.6030, -7.6923, 40.6902

Complementary

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



200.7640, -15.6597, -17.3330



185.2360, 15.6597, 17.3330

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.



211.6700, 4.1067, 36.2464



200.7640, -15.6597, -17.3330



206.8240, 23.7508, -11.2466

Square

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



200.7640, -15.6597, -17.3330



195.9510, 24.1812, -56.0850



210.7520, 16.3913, 16.0035



208.8020, -19.6224, 40.5156

Rectangle

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



200.7640, -15.6597, -17.3330



195.1460, 8.3090, -51.8710



210.7520, 16.3913, 16.0035



209.0420, -3.4717, 40.3052

Sweetspot

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



200.7640, -15.6597, -17.3330



249.0610, -5.9461, -6.1925



204.4840, -17.4936, 10.9765



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



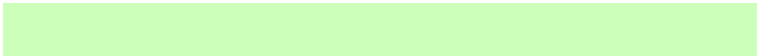
128.0000, 0.0000, 0.0000

Same Dimension

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



200.7640, -15.6597, -17.3330



231.5860, -22.4739, -25.0699



198.5440, -8.6492, -25.9101



106.0550, -3.4781, -4.4332



114.4080, -56.4031, -62.6248



30.2910, -14.9335, -16.9182

Inverse Universe

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



185.2360, 15.6597, 17.3330



209.4140, 22.4739, 25.0699



187.4560, 8.6492, 25.9101



102.6460, 3.6255, 3.8185



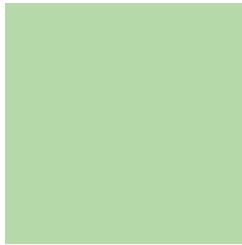
58.5920, 56.4031, 62.6248



15.4100, 15.0809, 16.3034

Previews

White Background



This preview shows how the YUV color 200.7640, -15.6597, -17.3330 looks on a white background.

Color Contrast Check

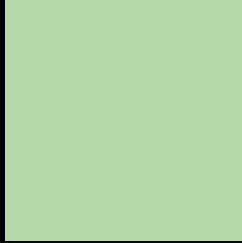
Large Text (above 18pt) WCAG AA × Fail

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 200.7640, -15.6597, -17.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

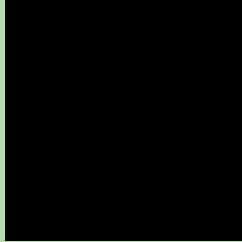
Any Text WCAG AA ✓ Pass

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 200.7640, -15.6597, -17.3330 Background



This preview shows how black text looks on a background with the YUV color 200.7640, -15.6597, -17.3330.



This preview shows how white text looks on a background with the YUV color 200.7640, -15.6597, -17.3330.

-17.3330.

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

200.7640, -15.6597, -17.3330

Protanopia

205.0990, -20.2618, 12.1912

Deuteranopia

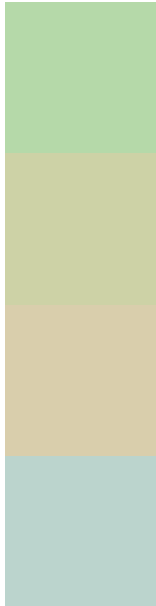
207.6970, -17.1056, 26.5757



Tritanopia

205.2570, 10.2263, -13.3804

Trichromacy



Original Color

200.7640, -15.6597, -17.3330

Protanomaly

203.4890, -18.4821, 1.3251

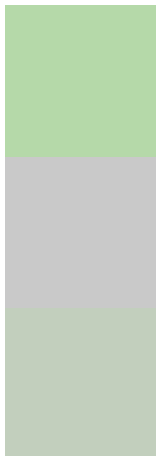
Deuteranomaly

205.4130, -16.4726, 10.1618

Tritanomaly

203.7270, 0.6276, -14.6696

Monochromacy



Original Color

200.7640, -15.6597, -17.3330

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7640, -15.6597, -17.3330 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(181, 217, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 169)  
}
```

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(181, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 169) }
```

Border

The CSS property to change the border of an element to YUV 200.7640, -15.6597, -17.3330 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(181, 217, 169) }
```


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

```
.border{ border-color:rgb(181, 217, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 217, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 200.7640, -15.6597, -17.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 169) }
```

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

```
.background{ background-color: rgb(181,  
217, 169) }
```

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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