

Converting Colors

YUV(206.4750, 6.1748,
-20.5876)

Have a look what the booklet for
YUV(206.4750, 6.1748, -20.5876)
contains.

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Color

**YUV(206.4750, 6.1748,
-20.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D8DB
RGB	183, 216, 219
RGB Percent	72%, 85%, 86%
CMY	0.2824, 0.1529, 0.1412
CMYK	0.16, 0.01, 0.00, 0.14
HSL	185°, 33%, 79%
HSV	185°, 16%, 86%
XYZ	56.8705, 64.2935, 76.4303
YIQ	206.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

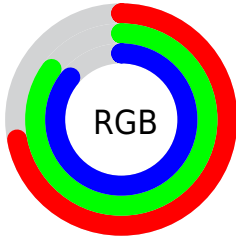
Format	Color
R _Y B	183, 200, 219
Decimal	12048603
CIE Lab	84.12, -10.22, -5.13
CIE LCh	84, 11.432, 206.650
Yxy	64.2935, 0.2878, 0.3254
Android (android.graphics.Color)	4290238683 (0xFFB7D8DB)
YUV	206.4750, 6.1748, -20.5876
Hunter-Lab	80.1832, -13.7183, -0.3867

Details

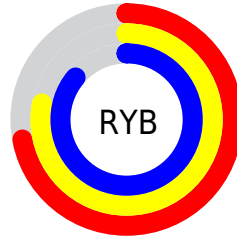
The YUV color $206.4750, 6.1748, -20.5876$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.5250, -6.1748, 20.5876$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2160, 2.3585, -9.8364$, and $151.7740, 6.0274, -19.9728$ is the 20% darker color. If you saturate the color by 10%, you get $198.7230, 9.9966, -33.0831$, and if you desaturate by 10%, it is $214.2270, 2.3531, -8.0921$.

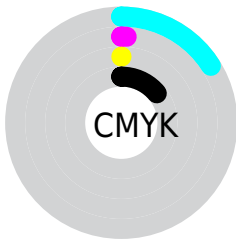
Distribution



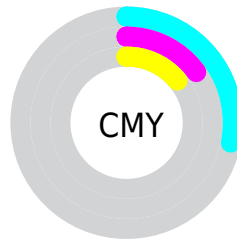
- Red (72%)
- Green (85%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4750, 6.1748, -20.5876 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 206.4750, 6.1748, -20.5876 by changing the saturation by 10% instead.

■ 206.4750, 6.1748,
-20.5876

■ 206.4750, 6.1748,
-20.5876

255.0000, 0.0000,
0.0000

■ 178.7740, 6.0274,
-19.9728

■ 250.2160, 2.3585,
-9.8364

■ 151.7740, 6.0274,
-19.9728

■ 126.0730, 5.8800,
-19.3580

■ 100.9590, 5.4432,
-19.2580

■ 76.3720, 5.7326,
-18.7432

■ 53.3720, 5.7326,
-18.7432

■ 31.0730, 5.8800,

-19.3580

■ 14.2480, 3.8217,
-12.4955

■ 0.0000, 0.0000,
0.0000

■ 206.4750, 6.1748,
-20.5876

■ 206.4750, 6.1748,
-20.5876

■ 198.7230, 9.9966,
-33.0831

■ 214.2270, 2.3531,
-8.0921

■ 190.9710, 13.8183,
-45.5786

■ 221.9790, -1.4686,
4.4034

■ 183.8060, 17.3506,
-58.5889

■ 229.1440, -5.0010,
17.4137

■ 176.0540, 21.1724,
-71.0844

■ 232.1120, -6.4642,
20.0728

■ 168.6010, 24.8467,
-82.9651

■ 233.2860, -7.0430,
19.0432

■ 160.8490, 28.6684,
-95.4606

■ 234.4600, -7.6218,
18.0136

■ 153.0970, 32.4902,
-107.9561

■ 235.6340, -8.2006,
16.9840

■ 145.3450, 36.3119,
-120.4516

■ 236.8080, -8.7793,
15.9544

■ 142.9530, 37.4912,
-125.3698

■ 237.3950, -9.0687,
15.4396

Harmonies

Analogous

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



206.4170, 0.7804, -17.0287



206.4750, 6.1748, -20.5876



207.4090, 9.6584, -17.8987

Triad

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



206.4750, 6.1748, -20.5876



211.7330, 5.0616, 9.8812



209.8950, -10.7942, 8.8621

Complementary

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



206.4750, 6.1748, -20.5876



195.5250, -6.1748, 20.5876

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.



210.6940, -9.2161, 16.0544



206.4750, 6.1748, -20.5876



212.2840, -0.6330, 16.4139

Square

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



206.4750, 6.1748, -20.5876



210.7040, 9.0199, 0.2596



211.7420, -5.2958, 18.6433



208.2960, -9.0199, -0.2596

Rectangle

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



206.4750, 6.1748, -20.5876



208.3710, 10.6631, -13.4804



211.7420, -5.2958, 18.6433



210.0310, -10.3683, 12.2508

Sweetspot

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



206.4750, 6.1748, -20.5876



250.5260, 2.2057, -7.4773



204.4740, -9.1077, -18.8327



125.0210, 1.4686, -4.4034



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.



206.4750, 6.1748, -20.5876



237.4030, 8.6753, -29.2944



196.4960, 11.0945, -11.8360



106.1240, 1.9109, -6.2477



113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Inverse Universe

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



197.5260, 9.1077, 18.8327



224.6070, 13.0117, 26.6547



206.0910, -11.3839, 11.3212



103.4290, 2.7465, 5.7628



69.8530, 43.9495, 90.4599



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 206.4750, 6.1748, -20.5876 looks on a white background.

Color Contrast Check

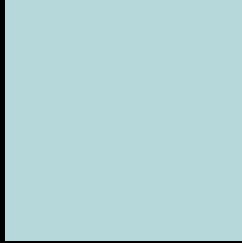
Large Text (above 18pt) WCAG AA × Fail

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 206.4750, 6.1748, -20.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

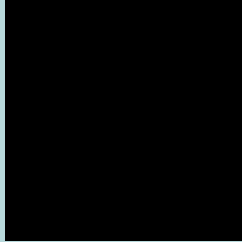
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4750, 6.1748, -20.5876

Background



This preview shows how black text looks on a background with the YUV color 206.4750, 6.1748, -20.5876.



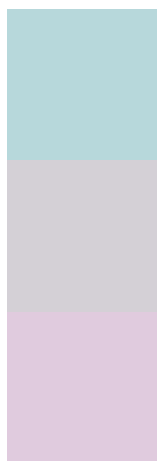
This preview shows how white text looks on a background with the YUV color 206.4750, 6.1748, -20.5876.

-20.5876.

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

206.4750, 6.1748, -20.5876

Protanopia

209.8800, 2.0312, 1.8592

Deuteranopia

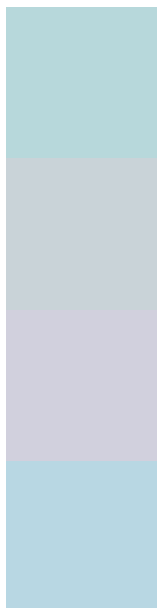
211.4450, 5.2036, 11.0107



Tritanopia

207.2670, 11.7004, -19.5282

Trichromacy



Original Color

206.4750, 6.1748, -20.5876

Protanomaly

208.5800, 3.6581, -6.6477

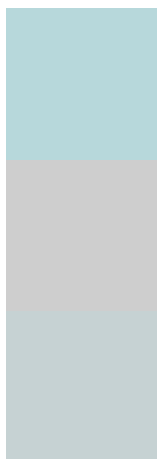
Deuteranomaly

209.7810, 5.5310, -0.6849

Tritanomaly

207.0990, 9.8112, -20.2578

Monochromacy



Original Color

206.4750, 6.1748, -20.5876

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.5260, 2.2057, -7.4773

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4750, 6.1748, -20.5876 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(183, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 219)  
}
```

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(183, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 219) }
```

Border

The CSS property to change the border of an element to YUV 206.4750, 6.1748, -20.5876 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(183, 216, 219) }
```


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

```
.border{ border-color:rgb(183, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(183, 216,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 206.4750, 6.1748, -20.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 219) }
```

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

```
.background{ background-color: rgb(183,  
216, 219) }
```

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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