

Converting Colors

YUV(200.7750, 4.5479,
-12.0807)

Have a look what the booklet for
YUV(200.7750, 4.5479, -12.0807)
contains.

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Color

**YUV(200.7750, 4.5479,
-12.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCED2
RGB	187, 206, 210
RGB Percent	73%, 81%, 82%
CMY	0.2667, 0.1922, 0.1765
CMYK	0.11, 0.02, 0.00, 0.18
HSL	190°, 20%, 78%
HSV	190°, 11%, 82%
XYZ	54.1977, 59.3606, 69.5740
YIQ	200.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

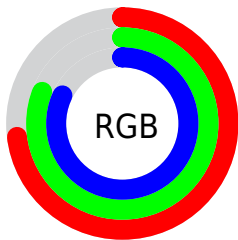
Format	Color
R_{YB}	187, 197, 210
Decimal	12308178
CIE Lab	81.49, -5.59, -4.18
CIE LCh	81, 6.981, 216.763
Yxy	59.3606, 0.2959, 0.3241
Android (android.graphics.Color)	4290498258 (0xFFBBCED2)
YUV	200.7750, 4.5479, -12.0807
Hunter-Lab	77.0458, -9.2648, 0.3919

Details

The YUV color $200.7750, 4.5479, -12.0807$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.2250, -4.5479, 12.0807$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $147.0740, 4.4005, -11.4659$ is the 20% darker color. If you saturate the color by 10%, you get $192.1480, 8.8010, -22.9318$, and if you desaturate by 10%, it is $209.4020, 0.2948, -1.2296$.

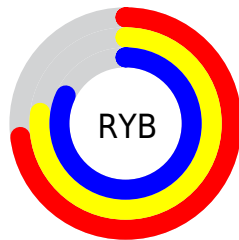
Distribution



Red (73%)

Green (81%)

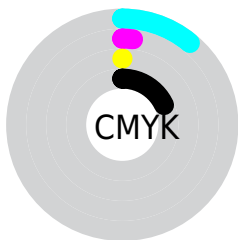
Blue (82%)



Red (73%)

Yellow (77%)

Blue (82%)

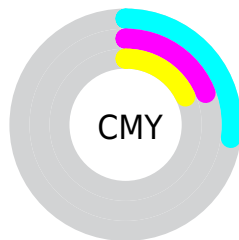


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7750, 4.5479, -12.0807 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 200.7750, 4.5479, -12.0807 by changing the saturation by 10% instead.

■ 200.7750, 4.5479,
-12.0807

■ 200.7750, 4.5479,
-12.0807

255.0000, 0.0000,
0.0000

■ 173.6610, 4.1111,
-11.9807

■ 251.4120, 1.7689,
-7.3773

■ 147.0740, 4.4005,
-11.4659

■ 121.0740, 4.4005,
-11.4659

■ 96.2590, 3.8163,
-10.7511

■ 72.2590, 3.8163,
-10.7511

■ 49.5580, 3.6689,
-10.1364

■ 28.5580, 3.6689,

-10.1364

■ 7.5800, 3.6581,
-6.6477

■ 0.0000, 0.0000,
0.0000

■ 200.7750, 4.5479,
-12.0807

■ 200.7750, 4.5479,
-12.0807

■ 192.1480, 8.8010,
-22.9318

■ 209.4020, 0.2948,
-1.2296

■ 184.1080, 12.7648,
-34.2977

■ 217.4420, -3.6689,
10.1364

■ 175.4810, 17.0179,
-45.1488

■ 226.0690, -7.9220,
20.9875

■ 166.8540, 21.2710,
-56.0000

■ 229.9120, -9.8166,
22.0022

■ 158.8140, 25.2347,
-67.3659

■ 231.6730,
-10.6848, 20.4578

■ 150.1870, 29.4878,
-78.2170

■ 234.0210,
-11.8424, 18.3986

■ 141.5600, 33.7409,
-89.0681

■ 236.3690,
-12.9999, 16.3394

■ 133.5200, 37.7046,
-100.4340

■ 238.1300,
-13.8681, 14.7950

■ 125.4910, 41.6629,
-110.0556

■ 240.4780,
-15.0257, 12.7358

Harmonies

Analogous

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



200.6780, 1.6377, -11.9956



200.7750, 4.5479, -12.0807



201.8400, 5.9949, -9.5067

Triad

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



200.7750, 4.5479, -12.0807



204.2120, 1.8675, 7.7071



202.1270, -5.9786, 4.2736

Complementary

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



200.7750, 4.5479, -12.0807



196.2250, -4.5479, 12.0807

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.



202.8610, -5.8475, 8.8919



200.7750, 4.5479, -12.0807



204.0230, -1.4903, 11.3808

Square

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



200.7750, 4.5479, -12.0807



203.2760, 4.7939, 2.3889



203.9260, -4.4005, 11.4659



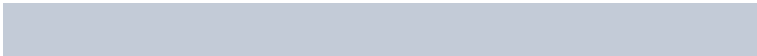
201.7240, -4.7939, -2.3889

Rectangle

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



200.7750, 4.5479, -12.0807



201.9760, 6.4208, -6.1180



203.9260, -4.4005, 11.4659



202.7250, -6.2734, 5.5032

Sweetspot

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



200.7750, 4.5479, -12.0807



252.0210, 1.4686, -4.4034



200.9570, -4.9088, -12.2403



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



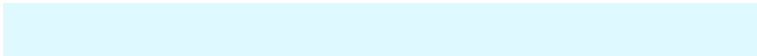
128.0000, 0.0000, 0.0000

Same Dimension

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



200.7750, 4.5479, -12.0807



241.6110, 6.6008, -17.1988



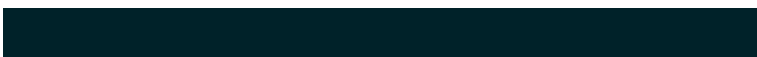
194.3180, 7.7312, -6.4179



100.5370, 2.2003, -5.7329



100.7450, 33.1567, -88.3534



24.6320, 8.0694, -21.6023

Inverse Universe

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



196.0430, 4.9088, 12.2403



234.9450, 6.9291, 17.5882



202.6820, -7.7312, 6.4179



98.3150, 2.3097, 5.8627



66.0780, 35.9505, 89.3856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 200.7750, 4.5479, -12.0807 looks on a white background.

Color Contrast Check

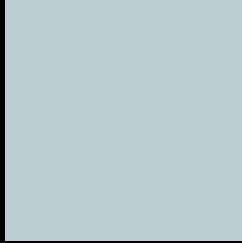
Large Text (above 18pt) WCAG AA × Fail

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 200.7750, 4.5479, -12.0807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

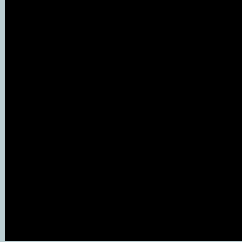
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

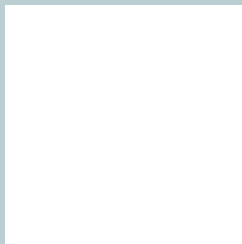
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.7750, 4.5479, -12.0807

Background



This preview shows how black text looks on a background with the YUV color 200.7750, 4.5479, -12.0807.



This preview shows how white text looks on a background with the YUV color 200.7750, 4.5479,

-12.0807.

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

200.7750, 4.5479, -12.0807

Protanopia

202.5810, 2.1786, 1.2445

Deuteranopia

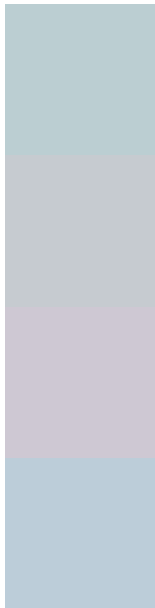
204.1030, 3.8932, 11.3107



Tritanopia

201.4530, 9.6367, -10.9213

Trichromacy



Original Color

200.7750, 4.5479, -12.0807

Protanomaly

202.0750, 2.9210, -3.5738

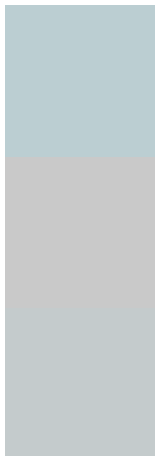
Deuteranomaly

203.0480, 3.9203, 2.5889

Tritanomaly

201.2850, 7.7475, -11.6509

Monochromacy



Original Color

200.7750, 4.5479, -12.0807

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7750, 4.5479, -12.0807 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 210)  
}
```

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, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 210) }
```

Border

The CSS property to change the border of an element to YUV 200.7750, 4.5479, -12.0807 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, 206, 210) }
```


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

```
.border{ border-color:rgb(187, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 200.7750, 4.5479, -12.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 210) }
```

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

```
.background{ background-color: rgb(187,  
206, 210) }
```

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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