

Converting Colors

YUV(199.4760, 4.6953,
-12.6955)

Have a look what the booklet for
YUV(199.4760, 4.6953, -12.6955)
contains.

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Color

**YUV(199.4760, 4.6953,
-12.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CDD1
RGB	185, 205, 209
RGB Percent	73%, 80%, 82%
CMY	0.2745, 0.1961, 0.1804
CMYK	0.11, 0.02, 0.00, 0.18
HSL	190°, 21%, 77%
HSV	190°, 11%, 82%
XYZ	53.3475, 58.5804, 68.8170
YIQ	199.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

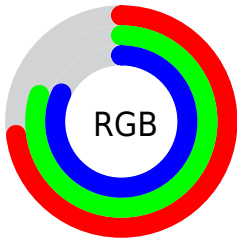
Format	Color
RYB	185, 196, 209
Decimal	12176849
CIELab	81.06, -5.92, -4.29
CIELCh	81, 7.313, 215.921
Yxy	58.5804, 0.2952, 0.3241
Android (android.graphics.Color)	4290366929 (0xFFB9CDD1)
YUV	199.4760, 4.6953, -12.6955
Hunter-Lab	76.5378, -9.5251, 0.2674

Details

The YUV color $199.4760, 4.6953, -12.6955$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.5240, -4.6953, 12.6955$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $145.7750, 4.5479, -12.0807$ is the 20% darker color. If you saturate the color by 10%, you get $191.4360, 8.6591, -24.0614$, and if you desaturate by 10%, it is $207.5160, 0.7316, -1.3295$.

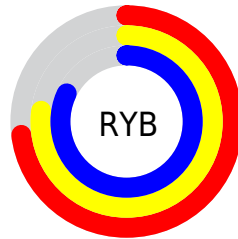
Distribution



Red (73%)

Green (80%)

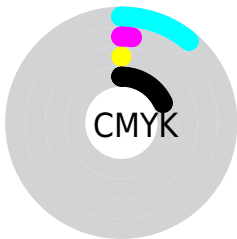
Blue (82%)



Red (73%)

Yellow (77%)

Blue (82%)

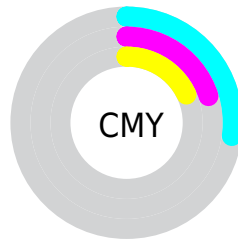


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4760, 4.6953, -12.6955 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 199.4760, 4.6953, -12.6955 by changing the saturation by 10% instead.

■ 199.4760, 4.6953,
-12.6955

■ 199.4760, 4.6953,
-12.6955

255.0000, 0.0000,
0.0000

■ 172.3620, 4.2585,
-12.5955

■ 250.8140, 2.0637,
-8.6069

■ 145.7750, 4.5479,
-12.0807

■ 119.7750, 4.5479,
-12.0807

■ 95.0740, 4.4005,
-11.4659

■ 71.3730, 4.2531,
-10.8511

■ 48.3730, 4.2531,
-10.8511

■ 27.2590, 3.8163,

-10.7511

■ 6.2920, 3.8000,
-5.5181

■ 0.0000, 0.0000,
0.0000

■ 199.4760, 4.6953,
-12.6955

■ 199.4760, 4.6953,
-12.6955

■ 191.4360, 8.6591,
-24.0614

■ 207.5160, 0.7316,
-1.3295

■ 182.8090, 12.9122,
-34.9125

■ 216.1430, -3.5215,
9.5216

■ 174.7690, 16.8759,
-46.2784

■ 224.1830, -7.4852,
20.8875

■ 166.1420, 21.1290,
-57.1295

■ 228.6240, -9.6746,
23.1318

■ 158.1020, 25.0927,
-68.4955

■ 230.3850,
-10.5428, 21.5874

■ 149.7740, 29.1984,
-78.7318

■ 232.7330,
-11.7004, 19.5282

■ 141.7340, 33.1621,
-90.0977

■ 234.4940,
-12.5685, 17.9838

■ 133.1070, 37.4152,
-100.9488

■ 236.8420,
-13.7261, 15.9246

■ 125.9640, 40.9367,
-110.4704

■ 238.6030,
-14.5943, 14.3802

Harmonies

Analogous

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



199.5640, 1.2009, -11.8956



199.4760, 4.6953, -12.6955



200.6550, 6.5791, -10.2214

Triad

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



199.4760, 4.6953, -12.6955



202.6250, 2.1569, 8.2219



201.0130, -6.4154, 4.3736

Complementary

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



199.4760, 4.6953, -12.6955



194.5240, -4.6953, 12.6955

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.



201.7470, -6.2843, 8.9919



199.4760, 4.6953, -12.6955



203.0230, -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.



199.4760, 4.6953, -12.6955



201.9770, 4.9413, 1.7742



202.3390, -4.1111, 11.9807



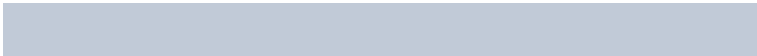
200.0230, -4.9413, -1.7742

Rectangle

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



199.4760, 4.6953, -12.6955



200.7910, 7.0050, -6.8327



202.3390, -4.1111, 11.9807



201.0240, -6.4208, 6.1180

Sweetspot

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



199.4760, 4.6953, -12.6955



252.0210, 1.4686, -4.4034



199.5440, -5.1982, -12.7551



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



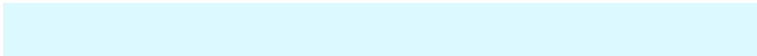
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4760, 4.6953, -12.6955



240.7140, 7.0430, -19.0432



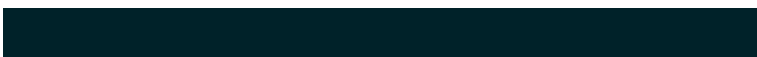
192.4320, 8.1680, -6.5179



100.5370, 2.2003, -5.7329



101.3320, 32.8673, -88.8682



24.6320, 8.0694, -21.6023

Inverse Universe

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



194.4560, 5.1982, 12.7551



233.1840, 7.7973, 19.1326



201.5680, -8.1680, 6.5179



98.3150, 2.3097, 5.8627



66.1920, 36.3873, 89.2856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 199.4760, 4.6953, -12.6955 looks on a white background.

Color Contrast Check

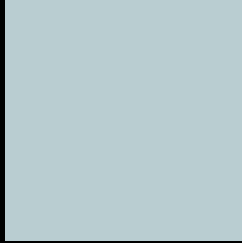
Large Text (above 18pt) WCAG AA × Fail

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 199.4760, 4.6953, -12.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

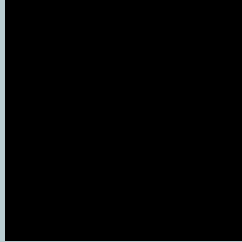
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.4760, 4.6953, -12.6955

Background



This preview shows how black text looks on a background with the YUV color 199.4760, 4.6953, -12.6955.



This preview shows how white text looks on a background with the YUV color 199.4760, 4.6953, -12.6955.

-12.6955.

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

199.4760, 4.6953, -12.6955

Protanopia

201.5810, 2.1786, 1.2445

Deuteranopia

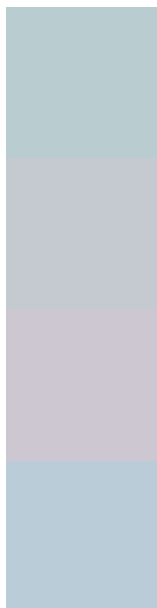
203.1030, 3.8932, 11.3107



Tritanopia

200.1540, 9.7841, -11.5361

Trichromacy



Original Color

199.4760, 4.6953, -12.6955

Protanomaly

200.7760, 3.0684, -4.1886

Deuteranomaly

202.0480, 3.9203, 2.5889

Tritanomaly

199.9860, 7.8949, -12.2657

Monochromacy



Original Color

199.4760, 4.6953, -12.6955

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4760, 4.6953, -12.6955 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(185, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 209)  
}
```

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(185, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 209) }
```

Border

The CSS property to change the border of an element to YUV 199.4760, 4.6953, -12.6955 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(185, 205, 209) }
```


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

```
.border{ border-color:rgb(185, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 199.4760, 4.6953, -12.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 209) }
```

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

```
.background{ background-color: rgb(185,  
205, 209) }
```

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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