

Converting Colors

YUV(199.7270, 0.6276,
-14.6696)

Have a look what the booklet for
YUV(199.7270, 0.6276, -14.6696)
contains.

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Color

**YUV(199.7270, 0.6276,
-14.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D0C9
RGB	183, 208, 201
RGB Percent	72%, 82%, 79%
CMY	0.2824, 0.1843, 0.2118
CMYK	0.12, 0.00, 0.03, 0.18
HSL	163°, 21%, 77%
HSV	163°, 12%, 82%
XYZ	52.6269, 59.3961, 63.9492
YIQ	199.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

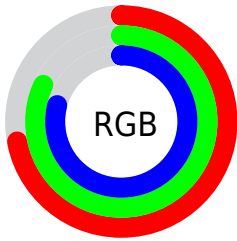
Format	Color
R_{YB}	183, 198, 208
Decimal	12046537
CIE Lab	81.51, -9.72, 0.63
CIE LCh	82, 9.741, 176.299
Yxy	59.3961, 0.2991, 0.3375
Android (android.graphics.Color)	4290236617 (0xFFB7D0C9)
YUV	199.7270, 0.6276, -14.6696
Hunter-Lab	77.0688, -12.9807, 4.7513

Details

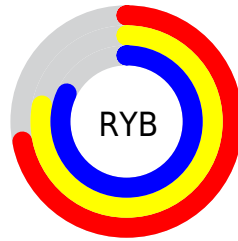
The YUV color $199.7270, 0.6276, -14.6696$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.2730, -0.6276, 14.6696$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2160, 2.3585, -9.8364$, and $146.0260, 0.4802, -14.0548$ is the 20% darker color. If you saturate the color by 10%, you get $192.7640, 1.1023, -26.9800$, and if you desaturate by 10%, it is $206.6900, 0.1528, -2.3591$.

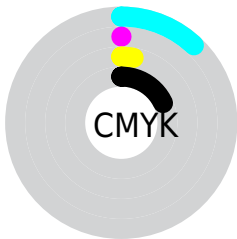
Distribution



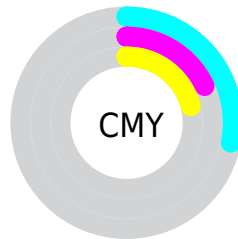
- Red (72%)
- Green (82%)
- Blue (79%)



- Red (72%)
- Yellow (78%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7270, 0.6276, -14.6696 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 199.7270, 0.6276, -14.6696 by changing the saturation by 10% instead.

■ 199.7270, 0.6276,
-14.6696

■ 199.7270, 0.6276,
-14.6696

255.0000, 0.0000,
0.0000

■ 172.1400, 0.9170,
-14.1548

■ 250.2160, 2.3585,
-9.8364

■ 146.0260, 0.4802,
-14.0548

■ 120.3250, 0.3328,
-13.4400

■ 95.4390, 0.7696,
-13.5400

■ 71.7380, 0.6222,
-12.9252

■ 49.0370, 0.4748,
-12.3104

■ 27.4500, 0.7642,

-11.7957

■ 6.9130, -1.4361,
-6.0627

■ 0.0000, 0.0000,
0.0000

■ 199.7270, 0.6276,
-14.6696

■ 199.7270, 0.6276,
-14.6696

■ 192.7640, 1.1023,
-26.9800

■ 206.6900, 0.1528,
-2.3591

■ 185.8010, 1.5771,
-39.2905

■ 213.6530, -0.3219,
9.9513

■ 179.2510, 2.3413,
-51.0861

■ 220.2030, -1.0861,
21.7470

■ 172.2880, 2.8160,
-63.3966

■ 223.8770, 0.0606,
27.2949

■ 165.3250, 3.2908,
-75.7070

■ 224.5610, 2.6814,
26.6950

■ 158.3620, 3.7655,
-88.0175

■ 225.2450, 5.3022,
26.0951

■ 151.3990, 4.2403,
-100.3279

■ 225.9290, 7.9230,
25.4953

■ 144.7350, 4.5676,
-112.0236

■ 226.6130, 10.5438,
24.8954

■ 139.1960, 5.3264,
-122.0749

■ 227.1830, 12.7278,
24.3955

Harmonies

Analogous

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



200.5060, -4.1935, -8.3368



199.7270, 0.6276, -14.6696



199.8560, 5.0010, -17.4137

Triad

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



199.7270, 0.6276, -14.6696



203.6500, 7.5675, -0.5701



203.7260, -7.7529, 13.3953

Complementary

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



199.7270, 0.6276, -14.6696



191.2730, -0.6276, 14.6696

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.



204.5460, -4.7062, 16.1842



199.7270, 0.6276, -14.6696



204.4940, 4.1935, 8.3368

Square

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



199.7270, 0.6276, -14.6696



202.2360, 8.7577, -8.9770



204.9740, -0.4802, 14.0548



202.3510, -9.0470, 8.4622

Rectangle

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



199.7270, 0.6276, -14.6696



200.4370, 7.1796, -16.1692



204.9740, -0.4802, 14.0548



203.9650, -6.8847, 14.9397

Sweetspot

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



199.7270, 0.6276, -14.6696



251.6680, 0.1637, -5.8478



199.7680, -8.2666, -8.5665



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



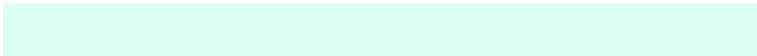
128.0000, 0.0000, 0.0000

Same Dimension

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



199.7270, 0.6276, -14.6696



243.0960, 0.9387, -21.1322



197.5900, 5.1321, -12.7954



101.3690, 0.3111, -6.4626



112.4100, 4.2349, -98.5836



27.3730, 0.8021, -24.0061

Inverse Universe

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



191.2730, -0.6276, 14.6696



230.9040, -0.9387, 21.1322



193.4100, -5.1321, 12.7954



97.6310, -0.3111, 6.4626



55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 199.7270, 0.6276, -14.6696 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 199.7270, 0.6276, -14.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

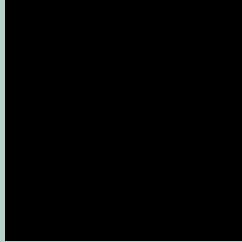
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

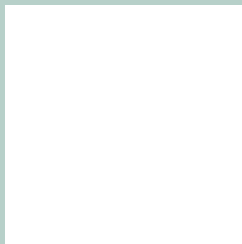
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.7270, 0.6276, -14.6696

Background



This preview shows how black text looks on a background with the YUV color 199.7270, 0.6276, -14.6696.



This preview shows how white text looks on a background with the YUV color 199.7270, 0.6276, -14.6696.

-14.6696.

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

199.7270, 0.6276, -14.6696

Protanopia

202.3380, -2.6316, 4.0886

Deuteranopia

204.2730, -0.6276, 14.6696



Tritanopia

201.4420, 9.6421, -12.6656

Trichromacy



Original Color

199.7270, 0.6276, -14.6696

Protanomaly

201.5220, -1.7363, -3.0888

Deuteranomaly

202.3210, -0.1583, 4.1035

Tritanomaly

200.9320, 6.4425, -13.0954

Monochromacy



Original Color

199.7270, 0.6276, -14.6696

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7270, 0.6276, -14.6696 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, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 208, 201)  
}
```

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, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 201) }
```

Border

The CSS property to change the border of an element to YUV 199.7270, 0.6276, -14.6696 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, 208, 201) }
```


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

```
.border{ border-color:rgb(183, 208, 201) }
```

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

Here you see how a box with a 4 pixel rgb(183, 208, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 208,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 199.7270, 0.6276, -14.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 201) }
```

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

```
.background{ background-color: rgb(183,  
208, 201) }
```

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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