

Converting Colors

YUV(200.6970, -14.1476,
-35.6913)

Have a look what the booklet for
YUV(200.6970, -14.1476, -35.6913)
contains.

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Color

**YUV(200.6970, -14.1476,
-35.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E3AC
RGB	160, 227, 172
RGB Percent	63%, 89%, 67%
CMY	0.3725, 0.1098, 0.3255
CMYK	0.30, 0.00, 0.24, 0.11
HSL	131°, 54%, 76%
HSV	131°, 30%, 89%
XYZ	49.4127, 65.3903, 49.0470
YIQ	200.6970, -22.2770, -31.3090

Conversions

Conversions Part 2

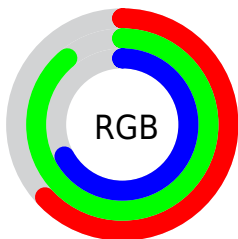
Format	Color
RYB	160, 217, 227
Decimal	10544044
CIELab	84.68, -31.94, 20.28
CIELCh	85, 37.838, 147.590
Yxy	65.3903, 0.3016, 0.3991
Android (android.graphics.Color)	4288734124 (0xFFA0E3AC)
YUV	200.6970, -14.1476, -35.6913
Hunter-Lab	80.8643, -32.4388, 20.6435

Details

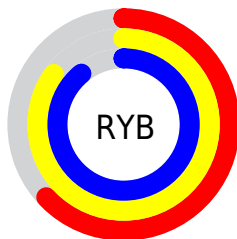
The YUV color **200.6970, -14.1476, -35.6913** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.3030, 14.1476, 35.6913**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2610, -6.0447, -21.2769**, and **145.6370, -13.1320, -34.7616** is the 20% darker color. If you saturate the color by 10%, you get **191.6540, -19.0564, -47.9316**, and if you desaturate by 10%, it is **209.7400, -9.2388, -23.4510**.

Distribution



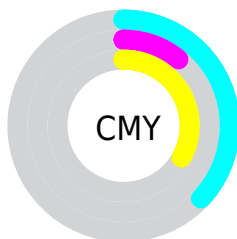
- Red (63%)
- Green (89%)
- Blue (67%)



- Red (63%)
- Yellow (85%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6970, -14.1476, -35.6913 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 200.6970, -14.1476, -35.6913 by changing the saturation by 10% instead.

■ 200.6970,
-14.1476, -35.6913

■ 200.6970,
-14.1476, -35.6913

255.0000, 0.0000,
0.0000

■ 173.1100,
-13.8582, -35.1765

■ 240.2610, -6.0447,
-21.2769

■ 145.6370,
-13.1320, -34.7616

■ 252.0100, 1.4741,
-6.1478

■ 119.2780,
-11.9691, -34.4468

■ 93.5060, -11.0955,
-34.6468

■ 68.1360, -9.9270,
-36.0763

■ 43.4670, -8.6112,
-38.1206

■ 27.1160, -12.8752,

-23.7807

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 200.6970,
-14.1476, -35.6913

■ 200.6970,
-14.1476, -35.6913

■ 191.6540,
-19.0564, -47.9316

■ 209.7400, -9.2388,
-23.4510

■ 183.0240,
-23.6758, -59.6570

■ 218.3700, -4.6194,
-11.7255

■ 173.9810,
-28.5846, -71.8973

■ 227.4130, 0.2894,
0.5148

■ 164.9380,
-33.4934, -84.1376

■ 236.4560, 5.1982,
12.7551

■ 156.3080,
-38.1128, -95.8631

■ 238.5640, 8.1029,
14.4144

■ 147.2650,
-43.0216, -108.1034

■ 138.3360,
-47.4936, -120.4437

■ 137.9230,
-47.7830, -120.9585

Harmonies

Analogous

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



205.7090, -28.9435, -3.2528



200.6970, -14.1476, -35.6913



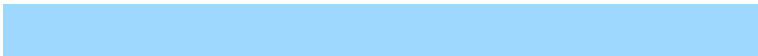
194.4770, 6.1738, -67.0703

Triad

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



200.6970, -14.1476, -35.6913



203.4030, 25.4373, -38.9414



206.5340, -13.0813, 42.5047

Complementary

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



200.6970, -14.1476, -35.6913



186.3030, 14.1476, 35.6913

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.



209.4640, 3.2222, 39.9351



200.6970, -14.1476, -35.6913



211.6190, 21.3868, 0.3341

Square

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



200.6970, -14.1476, -35.6913



193.4370, 30.3506, -74.9282



216.5630, 16.4844, 32.8322



208.6250, -27.9161, 40.6709

Rectangle

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



200.6970, -14.1476, -35.6913



190.7490, 20.3367, -83.0949



216.5630, 16.4844, 32.8322



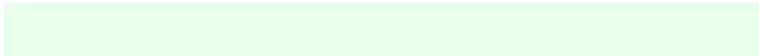
206.6140, -7.6977, 42.4345

Sweetspot

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



200.6970, -14.1476, -35.6913



245.9570, -4.9088, -12.2403



216.0730, -27.6440, -0.0640



122.1470, -3.0305, -8.0219



0.0000, 0.0000, 0.0000



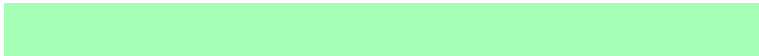
128.0000, 0.0000, 0.0000

Same Dimension

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



200.6970, -14.1476, -35.6913



220.0670, -18.7670, -47.4168



204.4590, 0.2667, -38.9905



110.2720, -2.5991, -6.3775



108.7210, -37.8235, -95.3483



30.9630, -10.8278, -27.1546

Inverse Universe

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



186.3030, 14.1476, 35.6913



200.9330, 18.7670, 47.4168



182.5410, -0.2667, 38.9905



107.7280, 2.5991, 6.3775



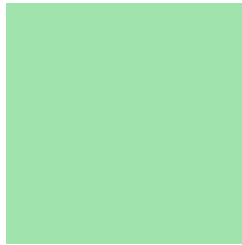
70.2790, 37.8235, 95.3483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 200.6970, -14.1476, -35.6913 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 200.6970, -14.1476, -35.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

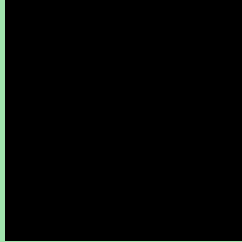
Any Text WCAG AA ✓ Pass

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 200.6970, -14.1476, -35.6913 Background



This preview shows how black text looks on a background with the YUV color 200.6970, -14.1476, -35.6913.



This preview shows how white text looks on a background with the YUV color 200.6970, -14.1476, -35.6913.

-35.6913.

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

200.6970, -14.1476, -35.6913

Protanopia

208.9420, -22.1564, 13.2059

Deuteranopia

211.9960, -17.2530, 27.1905



Tritanopia

206.8850, 14.3537, -30.5941

Trichromacy



Original Color

200.6970, -14.1476, -35.6913

Protanomaly

205.9290, -19.1920, -4.3227

Deuteranomaly

208.0810, -16.3089, 4.3140

Tritanomaly

204.8280, 4.0288, -32.2982

Monochromacy



Original Color

200.6970, -14.1476, -35.6913

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.5440, -5.1982, -12.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6970, -14.1476, -35.6913 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(160, 227, 172)` looks like.

```
.text, #text, p{  
    color:rgb(160, 227, 172)  
}
```

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(160, 227, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 227, 172) }
```

Border

The CSS property to change the border of an element to YUV 200.6970, -14.1476, -35.6913 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(160, 227, 172) }
```


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

```
.border{ border-color:rgb(160, 227, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 227, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 227, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 227, 172);  
box-shadow:4px 4px 4px 4px rgb(160, 227,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 200.6970, -14.1476, -35.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 227, 172) }
```

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

```
.background{ background-color: rgb(160,  
227, 172) }
```

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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