

Converting Colors

YUV(202.5830, 5.6286,
-32.0833)

Have a look what the booklet for
YUV(202.5830, 5.6286, -32.0833)
contains.

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Color

**YUV(202.5830, 5.6286,
-32.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DBD6
RGB	166, 219, 214
RGB Percent	65%, 86%, 84%
CMY	0.3490, 0.1412, 0.1608
CMYK	0.24, 0.00, 0.02, 0.14
HSL	174°, 42%, 75%
HSV	174°, 24%, 86%
XYZ	53.1950, 63.6251, 73.0955
YIQ	202.5830, -29.9830, -12.7910

Conversions

Conversions Part 2

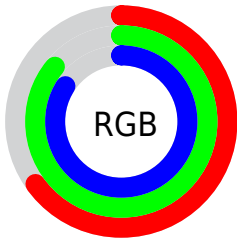
Format	Color
R_{YB}	166, 194, 219
Decimal	10935254
CIE _{Lab}	83.77, -18.00, -3.10
CIE _{LCh}	84, 18.262, 189.787
Yxy	63.6251, 0.2801, 0.3350
Android (android.graphics.Color)	4289125334 (0xFFA6DBD6)
YUV	202.5830, 5.6286, -32.0833
Hunter-Lab	79.7653, -20.5488, 1.5034

Details

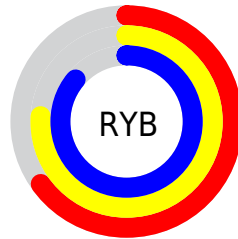
The YUV color $202.5830, 5.6286, -32.0833$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $182.4170, -5.6286, 32.0833$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1330, 4.8644, -20.2876$, and $148.1810, 5.3338, -30.8537$ is the 20% darker color. If you saturate the color by 10%, you get $195.7770, 7.9979, -45.4084$, and if you desaturate by 10%, it is $209.3890, 3.2592, -18.7582$.

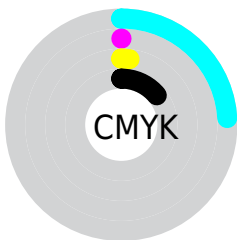
Distribution



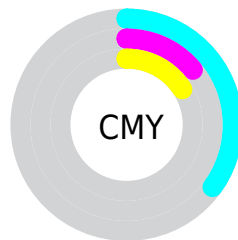
- Red (65%)
- Green (86%)
- Blue (84%)



- Red (65%)
- Yellow (76%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (35%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5830, 5.6286, -32.0833 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 202.5830, 5.6286, -32.0833 by changing the saturation by 10% instead.

■ 202.5830, 5.6286,
-32.0833

■ 202.5830, 5.6286,
-32.0833

255.0000, 0.0000,
0.0000

■ 174.8820, 5.4812,
-31.4685

■ 245.1330, 4.8644,
-20.2876

■ 148.1810, 5.3338,
-30.8537

■ 253.8040, 0.5896,
-2.4591

■ 122.1810, 5.3338,
-30.8537

■ 96.5940, 5.6232,
-30.3389

■ 71.4090, 6.2074,
-31.0537

■ 46.6150, 7.0918,
-34.7424

■ 29.1000, 4.8807,

-25.5207

■ 14.9660, 1.4958,
-13.1252

■ 0.0000, 0.0000,
0.0000

■ 202.5830, 5.6286,
-32.0833

■ 202.5830, 5.6286,
-32.0833

■ 195.7770, 7.9979,
-45.4084

■ 209.3890, 3.2592,
-18.7582

■ 188.9710, 10.3673,
-58.7336

■ 216.1950, 0.8899,
-5.4330

■ 182.1650, 12.7367,
-72.0587

■ 223.0010, -1.4795,
7.8921

■ 175.3590, 15.1060,
-85.3838

■ 229.8070, -3.8489,
21.2173

■ 168.8520, 17.3280,
-98.0942

■ 230.3340, -3.1227,
21.6321

■ 162.0460, 19.6973,
-111.4193

■ 230.5620, -2.2491,
21.4321

■ 155.2400, 22.0667,
-124.7445

■ 230.7900, -1.3755,
21.2322

■ 151.1250, 23.1094,
-132.5366

■ 231.1320, -0.0651,
20.9322

■ 231.3600, 0.8085,
20.7323

Harmonies

Analogous

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



203.5320, -3.7133, -22.3916



202.5830, 5.6286, -32.0833



203.5210, 13.0541, -33.7829

Triad

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



202.5830, 5.6286, -32.0833



211.4320, 11.6190, 6.6371



209.5930, -16.0683, 20.5279

Complementary

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



202.5830, 5.6286, -32.0833



182.4170, -5.6286, 32.0833

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.



210.9020, -11.2907, 28.1499



202.5830, 5.6286, -32.0833



211.9840, 4.4449, 21.0620

Square

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



202.5830, 5.6286, -32.0833



208.5870, 16.4726, -10.1618



212.1500, -4.0180, 28.8094



207.5160, -16.0304, 8.3175

Rectangle

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



202.5830, 5.6286, -32.0833



204.4660, 16.5323, -29.3497



212.1500, -4.0180, 28.8094



210.2560, -14.9162, 24.3315

Sweetspot

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



202.5830, 5.6286, -32.0833



249.3900, 1.7797, -10.8660



198.6060, -16.0748, -24.2105



124.5970, 1.1847, -6.6626



0.0000, 0.0000, 0.0000



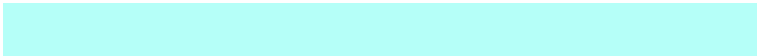
128.0000, 0.0000, 0.0000

Same Dimension

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



202.5830, 5.6286, -32.0833



232.0760, 7.8505, -44.7937



190.8260, 13.8898, -21.7724



106.5970, 1.1847, -6.6626



119.4490, 18.5126, -104.7568



31.7900, 5.0335, -27.8798

Inverse Universe

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



182.4170, -5.6286, 32.0833



203.9240, -7.8505, 44.7937



194.1740, -13.8898, 21.7724



102.4030, -1.1847, 6.6626



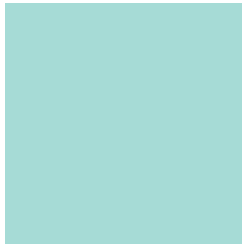
53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 202.5830, 5.6286, -32.0833 looks on a white background.

Color Contrast Check

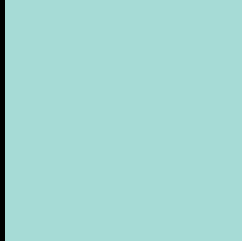
Large Text (above 18pt) WCAG AA × Fail

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 202.5830, 5.6286, -32.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

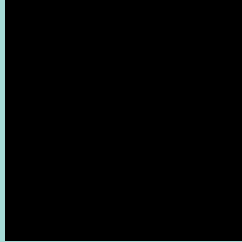
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.5830, 5.6286, -32.0833

Background



This preview shows how black text looks on a background with the YUV color 202.5830, 5.6286, -32.0833.



This preview shows how white text looks on a background with the YUV color 202.5830, 5.6286, -32.0833.

-32.0833.

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

202.5830, 5.6286, -32.0833

Protanopia

208.4950, -0.7370, 3.0739

Deuteranopia

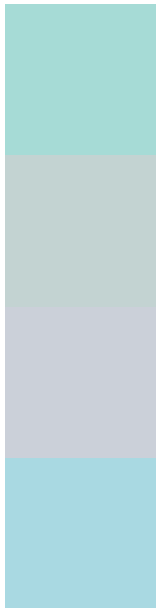
210.4020, 3.7458, 11.9254



Tritanopia

204.1840, 14.2063, -29.9794

Trichromacy



Original Color

202.5830, 5.6286, -32.0833

Protanomaly

206.1020, 1.9217, -9.7365

Deuteranomaly

207.5310, 4.6682, -3.9737

Tritanomaly

203.6740, 11.0067, -30.4091

Monochromacy



Original Color

202.5830, 5.6286, -32.0833

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5830, 5.6286, -32.0833 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(166, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(166, 219, 214)  
}
```

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(166, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 219, 214) }
```

Border

The CSS property to change the border of an element to YUV 202.5830, 5.6286, -32.0833 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(166, 219, 214) }
```


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

```
.border{ border-color:rgb(166, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(166, 219,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 202.5830, 5.6286, -32.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 219, 214) }
```

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

```
.background{ background-color: rgb(166,  
219, 214) }
```

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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