

Converting Colors

YUV(215.1830, 12.2348,
-51.0265)

Have a look what the booklet for
YUV(215.1830, 12.2348, -51.0265)
contains.

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Color

**YUV(215.1830, 12.2348,
-51.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF0F0
RGB	157, 240, 240
RGB Percent	62%, 94%, 94%
CMY	0.3843, 0.0588, 0.0588
CMYK	0.35, 0.00, 0.00, 0.06
HSL	180°, 73%, 78%
HSV	180°, 35%, 94%
XYZ	60.7929, 75.7795, 93.8609
YIQ	215.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

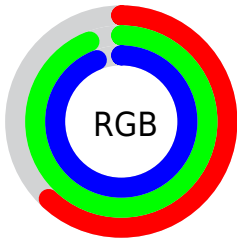
Format	Color
R _Y B	157, 199, 240
Decimal	10350832
CIE Lab	89.76, -25.05, -8.00
CIE LCh	90, 26.297, 197.720
Yxy	75.7795, 0.2638, 0.3289
Android (android.graphics.Color)	4288540912 (0xFF9DF0F0)
YUV	215.1830, 12.2348, -51.0265
Hunter-Lab	87.0514, -27.6835, -2.9918

Details

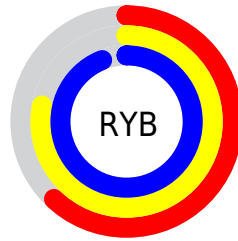
The YUV color **215.1830, 12.2348, -51.0265** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.8170, -12.2348, 51.0265**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **159.1830, 12.2348, -51.0265** is the 20% darker color. If you saturate the color by 10%, you get **208.0070, 15.7725, -65.7811**, and if you desaturate by 10%, it is **222.3590, 8.6970, -36.2718**.

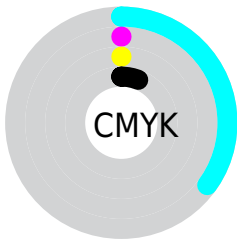
Distribution



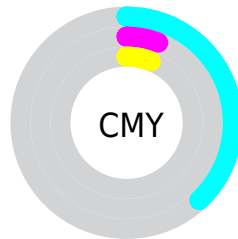
- Red (62%)
- Green (94%)
- Blue (94%)



- Red (62%)
- Yellow (78%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.1830, 12.2348, -51.0265 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 215.1830, 12.2348, -51.0265 by changing the saturation by 10% instead.

215.1830, 12.2348,
-51.0265

215.1830, 12.2348,
-51.0265

255.0000, 0.0000,
0.0000

187.1830, 12.2348,
-51.0265

242.7410, 6.0437,
-25.2059

159.1830, 12.2348,
-51.0265

251.7110, 1.6215,
-6.7625

131.8840, 12.3822,
-51.6413

104.1010, 13.2612,
-53.5856

73.7190, 15.9145,
-64.6516

56.3080, 12.6662,
-49.3821

40.1850, 9.2758,

-35.2422

■ 25.3500, 5.7435,
-22.2319

■ 2.5250, 7.1362,
-2.2144

■ 215.1830, 12.2348,
-51.0265

■ 215.1830, 12.2348,
-51.0265

■ 208.0070, 15.7725,
-65.7811

■ 222.3590, 8.6970,
-36.2718

■ 200.8310, 19.3103,
-80.5358

■ 229.5350, 5.1592,
-21.5172

■ 193.6550, 22.8481,
-95.2904

■ 236.7110, 1.6215,
-6.7625

■ 186.4790, 26.3859,
-110.0451

■ 243.8870, -1.9163,
7.9921

■ 179.3030, 29.9236,
-124.7997

■ 244.4850, -2.2111,
9.2217

■ 172.1270, 33.4614,
-139.5544

■ 168.2400, 35.3777,
-147.5465

Harmonies

Analogous

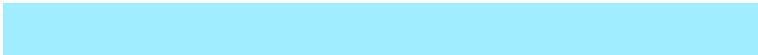
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.7150, -1.3385, -37.4611



215.1830, 12.2348, -51.0265



216.0290, 19.2127, -49.1374

Triad

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



215.1830, 12.2348, -51.0265



228.8400, 12.8969, 16.8033



225.2640, -23.7942, 25.2015

Complementary

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



215.1830, 12.2348, -51.0265



181.8170, -12.2348, 51.0265

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.



222.9360, -16.2374, 28.1201



215.1830, 12.2348, -51.0265



225.9460, 5.4496, 25.4804

Square

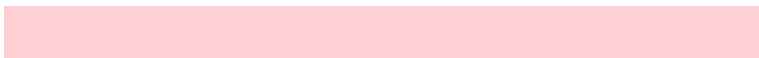
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.1830, 12.2348, -51.0265



224.5550, 15.0094, -7.5027



222.3950, -5.6177, 28.5946



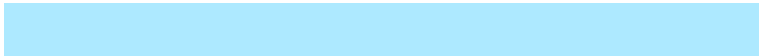
223.1860, -22.2767, 5.0989

Rectangle

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



215.1830, 12.2348, -51.0265



217.5680, 18.4540, -39.0861



222.3950, -5.6177, 28.5946



224.7310, -22.0524, 26.5459

Sweetspot

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



215.1830, 12.2348, -51.0265



247.5250, 3.6852, -15.3694



205.7210, -24.0195, -42.7283



123.2160, 2.3585, -9.8364



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.



215.1830, 12.2348, -51.0265



223.0070, 15.7725, -65.7811



190.5290, 24.3892, -29.4049



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

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



191.2790, 24.0195, 42.7283



192.1910, 30.9648, 55.0835



205.8840, -24.0998, 29.9197



112.9560, 3.4727, 6.1776



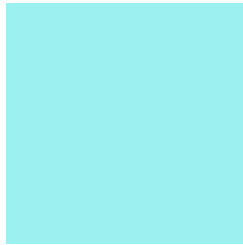
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 215.1830, 12.2348, -51.0265 looks on a white background.

Color Contrast Check

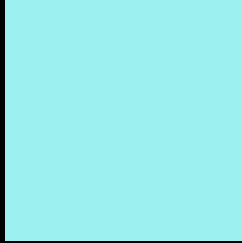
Large Text (above 18pt) WCAG AA × Fail

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 215.1830, 12.2348, -51.0265 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 215.1830, 12.2348, -51.0265 Background



This preview shows how black text looks on a background with the YUV color 215.1830, 12.2348, -51.0265.



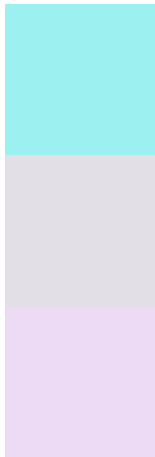
This preview shows how white text looks on a background with the YUV color 215.1830, 12.2348, -51.0265.

-51.0265.

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

215.1830, 12.2348, -51.0265

Protanopia

224.9940, 2.4680, 1.7593

Deuteranopia

226.7590, 8.9928, 8.9814



Tritanopia

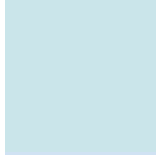
217.5240, 18.4757, -46.0635

Trichromacy



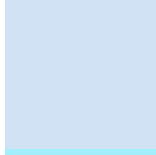
Original Color

215.1830, 12.2348, -51.0265



Protanomaly

221.4970, 6.1640, -17.0989



Deuteranomaly

222.5560, 10.0789, -12.7656



Tritanomaly

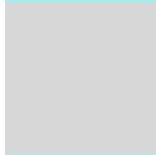
216.6440, 16.4445, -47.9228

Monochromacy



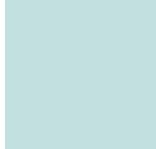
Original Color

215.1830, 12.2348, -51.0265



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.1830, 12.2348, -51.0265 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(157, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(157, 240, 240)  
}
```

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(157, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 240, 240) }
```

Border

The CSS property to change the border of an element to YUV 215.1830, 12.2348, -51.0265 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(157, 240, 240) }
```


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

```
.border{ border-color:rgb(157, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(157, 240,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 215.1830, 12.2348, -51.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 240, 240) }
```

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

```
.background{ background-color: rgb(157,  
240, 240) }
```

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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