

Converting Colors

YUV(214.7830, 2.0790,
-60.3227)

Have a look what the booklet for
YUV(214.7830, 2.0790, -60.3227)
contains.

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Color

**YUV(214.7830, 2.0790,
-60.3227)**

Conversions

Conversions Part 1

Format	Color
Hex	92F9DB
RGB	146, 249, 219
RGB Percent	57%, 98%, 86%
CMY	0.4275, 0.0235, 0.1412
CMYK	0.41, 0.00, 0.12, 0.02
HSL	163°, 90%, 77%
HSV	163°, 41%, 98%
XYZ	58.5159, 78.9768, 79.1778
YIQ	214.7830, -51.7580, -31.1660

Conversions

Conversions Part 2

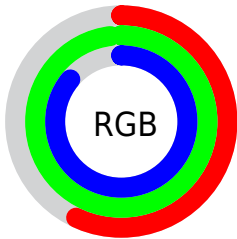
Format	Color
R _Y B	146, 206, 249
Decimal	9632219
CIE Lab	91.22, -36.82, 5.02
CIE LCh	91, 37.160, 172.239
Yxy	78.9768, 0.2701, 0.3645
Android (android.graphics.Color)	4287822299 (0xFF92F9DB)
YUV	214.7830, 2.0790, -60.3227
Hunter-Lab	88.8689, -37.9869, 9.3838

Details

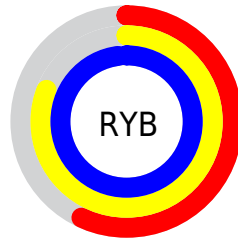
The YUV color **214.7830, 2.0790, -60.3227** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **180.2170, -2.0790, 60.3227**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7510, 7.5178, -31.3536**, and **158.0110, 2.9526, -60.5226** is the 20% darker color. If you saturate the color by 10%, you get **206.5100, 2.7066, -74.9923**, and if you desaturate by 10%, it is **223.0560, 1.4514, -45.6531**.

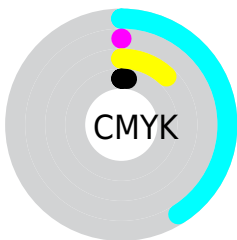
Distribution



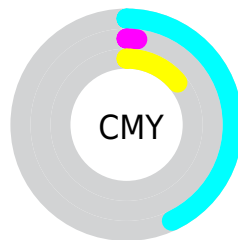
- Red (57%)
- Green (98%)
- Blue (86%)



- Red (57%)
- Yellow (81%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (43%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7830, 2.0790, -60.3227 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 214.7830, 2.0790, -60.3227 by changing the saturation by 10% instead.


 214.7830, 2.0790,
-60.3227


 214.7830, 2.0790,
-60.3227


255.0000, 0.0000,
0.0000


 185.8970, 2.5158,
-60.4227

 239.7510, 7.5178,
-31.3536


 158.0110, 2.9526,
-60.5226

 248.4220, 3.2430,
-13.5251

 130.2280, 3.8316,
-62.4670

 99.7540, 6.0373,
-69.9443

 75.7760, 6.0264,
-66.4556

 58.4790, 3.2149,
-51.2861

 41.8830, 0.5507,

-36.7314

■ 26.5750, -2.2555,
-23.3063

■ 4.6960, -2.3151,
-4.1184

■ 214.7830, 2.0790,
-60.3227

■ 214.7830, 2.0790,
-60.3227

■ 206.5100, 2.7066,
-74.9923

■ 223.0560, 1.4514,
-45.6531

■ 198.1230, 2.8974,
-89.5619

■ 231.4430, 1.2606,
-31.0835

■ 189.8500, 3.5250,
-104.2314

■ 239.7160, 0.6330,
-16.4139

■ 181.5770, 4.1525,
-118.9010

■ 247.9890, 0.0054,
-1.7444

■ 173.6030, 4.6327,
-132.9558

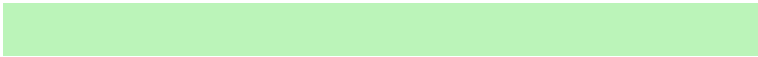
■ 251.4780, 1.7363,
3.0888

■ 166.2270, 4.8181,
-145.7811

Harmonies

Analogous

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



220.2310, -17.3689, -29.1436



214.7830, 2.0790, -60.3227



210.5150, 21.9311, -81.1357

Triad

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



214.7830, 2.0790, -60.3227



226.9360, 13.8356, -4.3289



221.2260, -22.7894, 29.6198

Complementary

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



214.7830, 2.0790, -60.3227



180.2170, -2.0790, 60.3227

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.



219.9500, -7.3703, 30.7389



214.7830, 2.0790, -60.3227



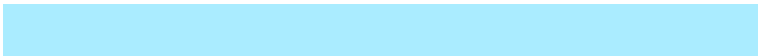
229.7590, 12.4438, 22.1364

Square

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



214.7830, 2.0790, -60.3227



218.4320, 18.0280, -42.4749



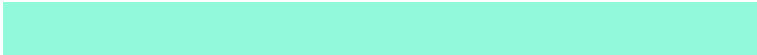
223.4670, 8.6438, 27.6544



225.8590, -32.9615, 25.5567

Rectangle

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



214.7830, 2.0790, -60.3227



209.3410, 22.5099, -80.1061



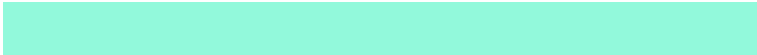
223.4670, 8.6438, 27.6544



219.9040, -17.7007, 30.7792

Sweetspot

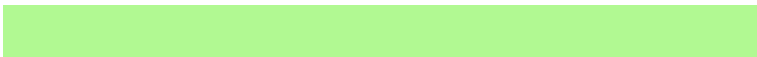
The Sweet Spot groups the original color and five complimentary colors.



214.7830, 2.0790, -60.3227



244.7050, 0.6384, -18.1583



215.7300, -34.3769, -33.9662



121.9340, 0.0325, -10.4661



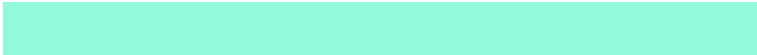
0.0000, 0.0000, 0.0000



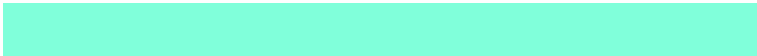
128.0000, 0.0000, 0.0000

Same Dimension

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



214.7830, 2.0790, -60.3227



212.8090, 2.5592, -74.3775



205.8760, 21.2601, -52.5113



120.6570, 0.1691, -7.5922



126.2190, 3.8360, -110.6941



40.7090, 1.1295, -35.7018

Inverse Universe

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



180.2170, -2.0790, 60.3227



170.1910, -2.5592, 74.3775



189.1240, -21.2601, 52.5113



116.3430, -0.1691, 7.5922



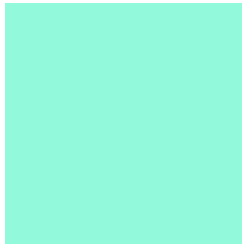
62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 214.7830, 2.0790, -60.3227 looks on a white background.

Color Contrast Check

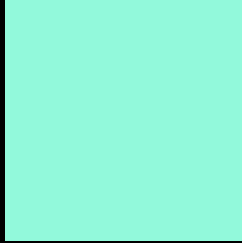
Large Text (above 18pt) WCAG AA × Fail

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 214.7830, 2.0790, -60.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

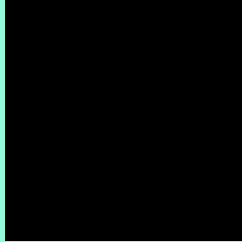
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.7830, 2.0790, -60.3227

Background



This preview shows how black text looks on a background with the YUV color 214.7830, 2.0790, -60.3227.



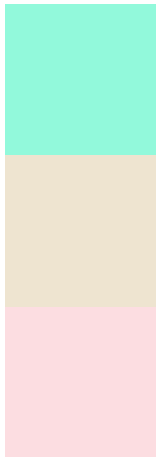
This preview shows how white text looks on a background with the YUV color 214.7830, 2.0790,

-60.3227.

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

214.7830, 2.0790, -60.3227

Protanopia

228.7100, -10.2100, 8.1473

Deuteranopia

230.7250, -2.8224, 18.6582



Tritanopia

222.8730, 15.8386, -40.2306

Trichromacy



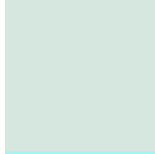
Original Color

214.7830, 2.0790, -60.3227



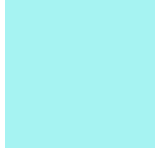
Protanomaly

223.9950, -5.9135, -16.6586



Deuteranomaly

224.7060, -0.8411, -10.2662



Tritanomaly

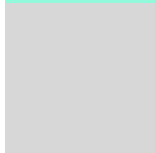
219.8630, 10.9135, -47.2379

Monochromacy



Original Color

214.7830, 2.0790, -60.3227



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.6830, 0.6493, -21.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7830, 2.0790, -60.3227 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(146, 249, 219)` looks like.

```
.text, #text, p{  
    color:rgb(146, 249, 219)  
}
```

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(146, 249, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 249, 219) }
```

Border

The CSS property to change the border of an element to YUV 214.7830, 2.0790, -60.3227 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(146, 249, 219) }
```


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

```
.border{ border-color:rgb(146, 249, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 249, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 249, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 249, 219);  
box-shadow:4px 4px 4px 4px rgb(146, 249,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 214.7830, 2.0790, -60.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 249, 219) }
```

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

```
.background{ background-color: rgb(146,  
249, 219) }
```

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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