

Converting Colors

YUV(214.4060, -15.9762,
-9.1261)

Have a look what the booklet for
YUV(214.4060, -15.9762, -9.1261)
contains.

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Color

**YUV(214.4060, -15.9762,
-9.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2B6
RGB	204, 226, 182
RGB Percent	80%, 89%, 71%
CMY	0.2000, 0.1137, 0.2863
CMYK	0.10, 0.00, 0.19, 0.11
HSL	90°, 43%, 80%
HSV	90°, 19%, 89%
XYZ	60.5417, 70.6075, 54.6937
YIQ	214.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

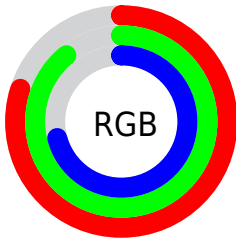
Format	Color
RYB	182, 226, 204
Decimal	13427382
CIELab	87.29, -15.03, 19.11
CIELCh	87, 24.310, 128.183
Yxy	70.6075, 0.3258, 0.3799
Android (android.graphics.Color)	4291617462 (0xFFCCE2B6)
YUV	214.4060, -15.9762, -9.1261
Hunter-Lab	84.0283, -18.4416, 20.2281

Details

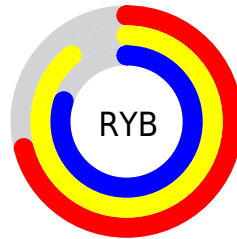
The YUV color $214.4060, -15.9762, -9.1261$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $193.5940, 15.9762, 9.1261$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $159.9330, -15.2500, -8.7112$ is the 20% darker color. If you saturate the color by 10%, you get $208.4950, -24.4010, -13.5891$, and if you desaturate by 10%, it is $220.3170, -7.5513, -4.6630$.

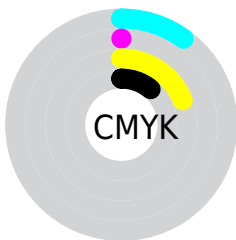
Distribution



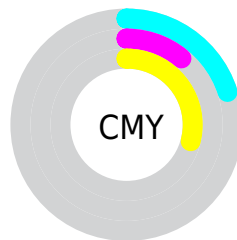
- Red (80%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4060, -15.9762, -9.1261 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 214.4060, -15.9762, -9.1261 by changing the saturation by 10% instead.

■ 214.4060,
-15.9762, -9.1261

■ 214.4060,
-15.9762, -9.1261

255.0000, 0.0000,
0.0000

■ 186.5200,
-15.5394, -9.2260

■ 253.0620, -7.4256,
1.6996

■ 159.9330,
-15.2500, -8.7112

■ 133.1610,
-14.3764, -8.9112

■ 107.5740,
-14.0870, -8.3964

■ 83.6880, -13.6502,
-8.4964

■ 60.2150, -12.9240,
-8.0816

■ 38.3290, -12.4872,

-8.1815

■ 16.4470, -8.1084,
-12.6700

■ 0.0000, 0.0000,
0.0000

■ 214.4060,
-15.9762, -9.1261

■ 214.4060,
-15.9762, -9.1261

■ 208.4950,
-24.4010, -13.5891

■ 220.3170, -7.5513,
-4.6630

■ 202.3990,
-32.2417, -18.7669

■ 226.4130, 0.2894,
0.5148

■ 196.4880,
-40.6666, -23.2300

■ 232.3240, 8.7143,
4.9779

■ 190.6910,
-48.6547, -27.7930

■ 236.1830, 9.2768,
11.2405

■ 184.7800,
-57.0795, -32.2561

■ 237.9770, 8.3923,
14.9292

■ 178.5700,
-65.3570, -37.3339

■ 172.7730,
-73.3451, -41.8969

■ 166.8620,
-81.7700, -46.3600

■ 166.4490,
-82.0594, -46.8748

Harmonies

Analogous

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



217.0450, -21.7142, 11.3615



214.4060, -15.9762, -9.1261



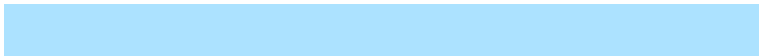
211.7330, -5.2914, -29.5838

Triad

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



214.4060, -15.9762, -9.1261



213.1600, 20.6271, -36.0973



219.1010, -3.0078, 31.4834

Complementary

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



214.4060, -15.9762, -9.1261



193.5940, 15.9762, 9.1261

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.



223.1850, 6.3178, 27.0248



214.4060, -15.9762, -9.1261



217.4230, 18.5255, -15.2800

Square

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



214.4060, -15.9762, -9.1261



209.6980, 17.8969, -47.0931



221.9960, 16.2710, 7.8965



218.3540, -13.4855, 32.1385

Rectangle

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



214.4060, -15.9762, -9.1261



210.1430, 2.8875, -39.5904



221.9960, 16.2710, 7.8965



220.6000, 0.1972, 30.1688

Sweetspot

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



214.4060, -15.9762, -9.1261



250.8980, -5.3727, -3.4185



208.0700, -12.8525, 15.7246



125.4790, -3.1941, -2.1741



0.0000, 0.0000, 0.0000



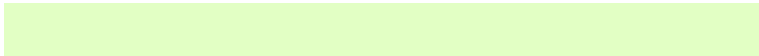
128.0000, 0.0000, 0.0000

Same Dimension

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



214.4060, -15.9762, -9.1261



239.6030, -21.4963, -11.9298



208.1270, -12.8806, -22.0364



109.2510, -4.0677, -1.9741



129.6240, -63.9046, -36.5042



35.3520, -17.4285, -9.9557

Inverse Universe

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



193.5940, 15.9762, 9.1261



211.6960, 21.3489, 12.5446



200.1720, 12.7332, 22.6512



104.0480, 3.9203, 2.5889



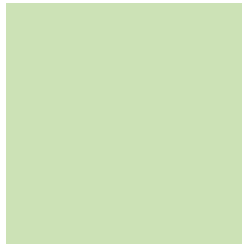
46.3760, 63.9046, 36.5042



12.6480, 17.4285, 9.9557

Previews

White Background



This preview shows how the YUV color 214.4060, -15.9762, -9.1261 looks on a white background.

Color Contrast Check

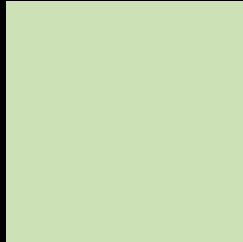
Large Text (above 18pt) WCAG AA × Fail

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 214.4060, -15.9762, -9.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

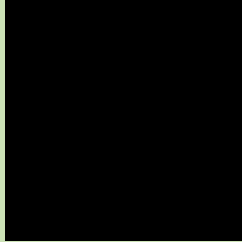
Any Text WCAG AA ✓ Pass

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 214.4060, -15.9762, -9.1261 Background



This preview shows how black text looks on a background with the YUV color 214.4060, -15.9762, -9.1261.



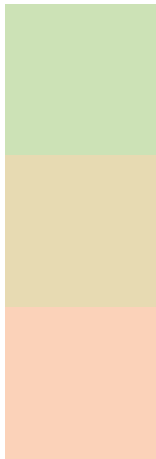
This preview shows how white text looks on a background with the YUV color 214.4060, -15.9762, -9.1261.

-9.1261.

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**

214.4060, -15.9762, -9.1261

Protanopia

217.3270, -19.3882, 11.9912

Deuteranopia

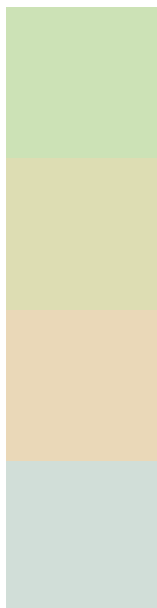
219.4090, -16.9636, 27.7053



Tritanopia

218.8450, 8.4574, -6.0031

Trichromacy



Original Color

214.4060, -15.9762, -9.1261

Protanomaly

216.2120, -18.3455, 4.1991

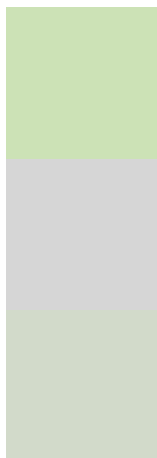
Deuteranomaly

217.7340, -16.6309, 14.2653

Tritanomaly

217.4290, -0.7045, -7.3922

Monochromacy



Original Color

214.4060, -15.9762, -9.1261

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4060, -15.9762, -9.1261 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(204, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 182)  
}
```

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(204, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 182) }
```

Border

The CSS property to change the border of an element to YUV 214.4060, -15.9762, -9.1261 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(204, 226, 182) }
```


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

```
.border{ border-color:rgb(204, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 226, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 226, 182); box-shadow:4px 4px 4px 4px rgb(204, 226, 182) }
```

Background

The CSS property to change the background color of an element to YUV 214.4060, -15.9762, -9.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 182) }
```

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

```
.background{ background-color: rgb(204,  
226, 182) }
```

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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