

Converting Colors

YUV(214.6100, -12.1327,
-28.5990)

Have a look what the booklet for
YUV(214.6100, -12.1327, -28.5990)
contains.

YUV(214.6100, -12.1327, -28.5990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.6100, -12.1327,
-28.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ECBE
RGB	182, 236, 190
RGB Percent	71%, 93%, 75%
CMY	0.2863, 0.0745, 0.2549
CMYK	0.23, 0.00, 0.19, 0.07
HSL	129°, 59%, 82%
HSV	129°, 23%, 93%
XYZ	58.5811, 73.6537, 59.8442
YIQ	214.6100, -17.4180, -25.7540

Conversions

Conversions Part 2

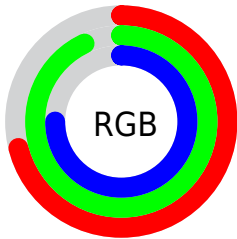
Format	Color
RYB	182, 229, 236
Decimal	11988158
CIELab	88.76, -26.04, 16.79
CIELCh	89, 30.981, 147.180
Yxy	73.6537, 0.3050, 0.3835
Android (android.graphics.Color)	4290178238 (0xFFB6ECBE)
YUV	214.6100, -12.1327, -28.5990
Hunter-Lab	85.8217, -28.3456, 18.7318

Details

The YUV color **214.6100, -12.1327, -28.5990** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.3900, 12.1327, 28.5990**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1900, -1.5727, -8.9366**, and **159.5500, -11.1171, -27.6693** is the 20% darker color. If you saturate the color by 10%, you get **205.1540, -17.3309, -41.3541**, and if you desaturate by 10%, it is **224.0660, -6.9345, -15.8439**.

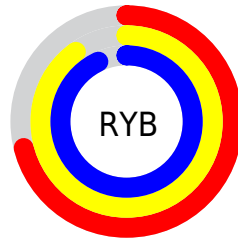
Distribution



Red (71%)

Green (93%)

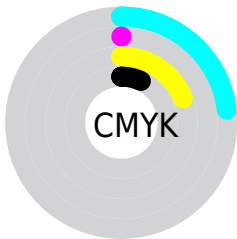
Blue (75%)



Red (71%)

Yellow (90%)

Blue (93%)

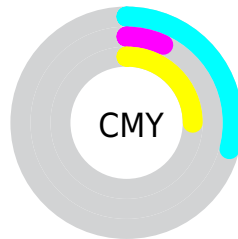


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6100, -12.1327, -28.5990 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 214.6100, -12.1327, -28.5990 by changing the saturation by 10% instead.

■ 214.6100,
-12.1327, -28.5990

■ 214.6100,
-12.1327, -28.5990

255.0000, 0.0000,
0.0000

■ 187.0230,
-11.8433, -28.0842

■ 249.1900, -1.5727,
-8.9366

■ 159.5500,
-11.1171, -27.6693

■ 132.9630,
-10.8278, -27.1546

■ 107.3760,
-10.5384, -26.6398

■ 82.6040, -9.6648,
-26.8397

■ 58.2450, -8.5018,
-26.5249

■ 33.9780, -6.8912,

-29.7987

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 214.6100,
-12.1327, -28.5990

■ 214.6100,
-12.1327, -28.5990

■ 205.1540,
-17.3309, -41.3541

■ 224.0660, -6.9345,
-15.8439

■ 195.9970,
-22.6765, -53.4944

■ 233.2230, -1.5889,
-3.7036

■ 186.5410,
-27.8747, -66.2495

■ 242.6790, 3.6093,
9.0515

■ 177.3840,
-33.2203, -78.3898

■ 243.8470, 5.4984,
9.7812

■ 167.8140,
-38.8553, -91.0449

■ 158.3580,
-44.0535, -103.8000

■ 149.2010,
-49.3991, -115.9403

■ 142.5220,
-53.0083, -124.9918

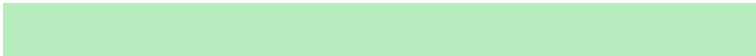
Harmonies

Analogous

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



218.3870, -23.8548, -2.0934



214.6100, -12.1327, -28.5990



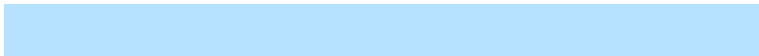
210.4080, 4.2359, -52.1008

Triad

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



214.6100, -12.1327, -28.5990



216.4490, 19.0056, -29.3348



217.8640, -10.2860, 32.5683

Complementary

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



214.6100, -12.1327, -28.5990



203.3900, 12.1327, 28.5990

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.



220.6970, 3.1074, 30.0837



214.6100, -12.1327, -28.5990



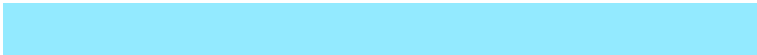
222.8380, 15.8559, 1.0191

Square

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



214.6100, -12.1327, -28.5990



210.3810, 21.9972, -55.5851



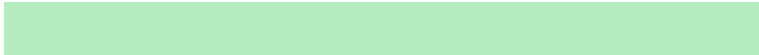
226.8240, 13.8908, 24.7104



219.3510, -22.3580, 31.2642

Rectangle

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



214.6100, -12.1327, -28.5990



208.8010, 14.8881, -62.0925



226.8240, 13.8908, 24.7104



218.4170, -5.6286, 32.0833

Sweetspot

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



214.6100, -12.1327, -28.5990



247.9080, -3.8986, -9.5663



227.7510, -22.5552, 1.0954



123.6850, -2.3097, -5.8627



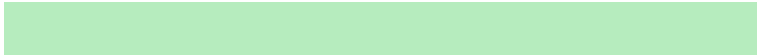
0.0000, 0.0000, 0.0000



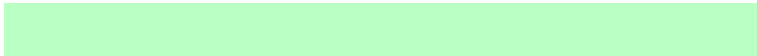
128.0000, 0.0000, 0.0000

Same Dimension

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



214.6100, -12.1327, -28.5990



227.6430, -15.6000, -36.5209



217.5740, -0.7760, -31.1984



112.5710, -2.7465, -5.7628



109.3250, -40.5862, -95.8780



32.6100, -12.1327, -28.5990

Inverse Universe

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



203.3900, 12.1327, 28.5990



213.3570, 15.6000, 36.5209



200.4260, 0.7760, 31.1984



110.4290, 2.7465, 5.7628



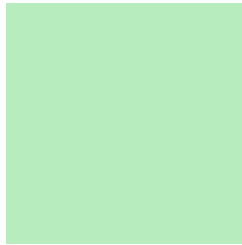
71.6750, 40.5862, 95.8780



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 214.6100, -12.1327, -28.5990 looks on a white background.

Color Contrast Check

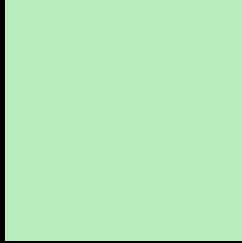
Large Text (above 18pt) WCAG AA × Fail

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 214.6100, -12.1327, -28.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

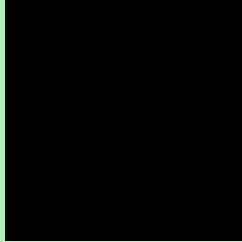
Any Text WCAG AA ✓ Pass

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 214.6100, -12.1327, -28.5990 Background



This preview shows how black text looks on a background with the YUV color 214.6100, -12.1327, -28.5990.



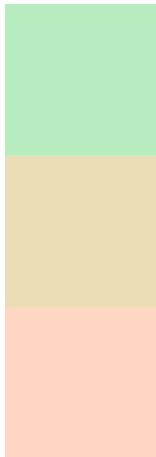
This preview shows how white text looks on a background with the YUV color 214.6100, -12.1327, -28.5990.

-28.5990.

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**

214.6100, -12.1327, -28.5990

Protanopia

221.4410, -18.9514, 11.8912

Deuteranopia

223.7940, -14.1954, 26.4907



Tritanopia

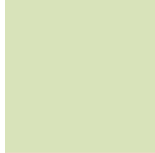
219.2880, 13.1690, -23.9316

Trichromacy



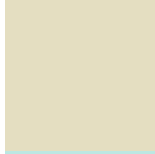
Original Color

214.6100, -12.1327, -28.5990



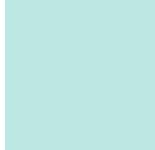
Protanomaly

219.0370, -16.2872, -2.6634



Deuteranomaly

220.4880, -13.5516, 6.5880



Tritanomaly

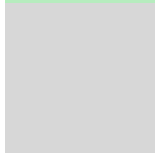
217.5730, 4.1545, -25.9355

Monochromacy



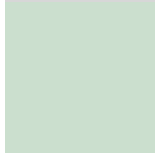
Original Color

214.6100, -12.1327, -28.5990



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6100, -12.1327, -28.5990 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(182, 236, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 236, 190)  
}
```

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(182, 236, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 236, 190) }
```

Border

The CSS property to change the border of an element to YUV 214.6100, -12.1327, -28.5990 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(182, 236, 190) }
```


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

```
.border{ border-color:rgb(182, 236, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 236, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 236, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 236, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 236,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 214.6100, -12.1327, -28.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 236, 190) }
```

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

```
.background{ background-color: rgb(182,  
236, 190) }
```

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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