

Converting Colors

YUV(214.3010, -33.6724,
-26.5740)

Have a look what the booklet for
YUV(214.3010, -33.6724, -26.5740)
contains.

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Color

**YUV(214.3010, -33.6724,
-26.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F392
RGB	184, 243, 146
RGB Percent	72%, 95%, 57%
CMY	0.2784, 0.0471, 0.4275
CMYK	0.24, 0.00, 0.40, 0.05
HSL	96°, 80%, 76%
HSV	96°, 40%, 95%
XYZ	57.0061, 76.3669, 38.9299
YIQ	214.3010, -4.0270, -42.6750

Conversions

Conversions Part 2

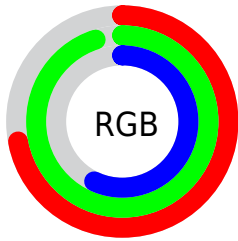
Format	Color
RYB	146, 243, 205
Decimal	12120978
CIELab	90.03, -35.36, 40.86
CIElCh	90, 54.036, 130.875
Yxy	76.3669, 0.3308, 0.4432
Android (android.graphics.Color)	4290311058 (0xFFB8F392)
YUV	214.3010, -33.6724, -26.5740
Hunter-Lab	87.3881, -36.4880, 34.7590

Details

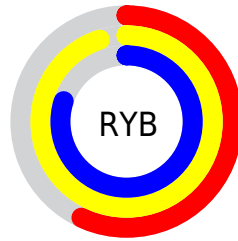
The YUV color **214.3010, -33.6724, -26.5740** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **174.6990, 33.6724, 26.5740**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.6580, -21.5234, -3.2081**, and **159.0560, -32.0726, -26.3591** is the 20% darker color. If you saturate the color by 10%, you get **207.0800, -41.9444, -33.3962**, and if you desaturate by 10%, it is **221.5220, -25.4003, -19.7518**.

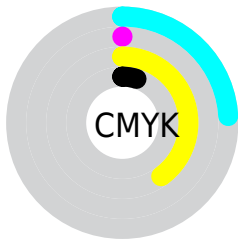
Distribution



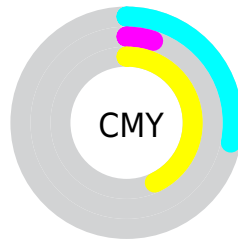
- Red (72%)
- Green (95%)
- Blue (57%)



- Red (57%)
- Yellow (95%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)



- Cyan (28%)
- Magenta (5%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3010, -33.6724, -26.5740 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 214.3010, -33.6724, -26.5740 by changing the saturation by 10% instead.

■ 214.3010,
-33.6724, -26.5740

■ 214.3010,
-33.6724, -26.5740

255.0000, 0.0000,
0.0000

■ 185.9420,
-32.5094, -26.2591

■ 244.6580,
-21.5234, -3.2081

■ 159.0560,
-32.0726, -26.3591

■ 252.0360,
-11.3567, 2.5994

■ 131.6970,
-30.9096, -26.0443


■ 105.8110,
-30.4728, -26.1442


■ 79.3980, -30.7622,
-26.6590


■ 54.7010, -26.9676,
-30.4328


■ 34.6330, -17.0741,

-30.3731


 22.3060, -10.9969,
-19.5624


 0.0000, 0.0000,
0.0000


 214.3010,
-33.6724, -26.5740

 214.3010,
-33.6724, -26.5740


 207.0800,
-41.9444, -33.3962


 221.5220,
-25.4003, -19.7518


 199.7450,
-50.6533, -40.1184

 228.8570,
-16.6915, -13.0296

 192.8230,
-59.0727, -46.3258

 235.7790, -8.2720,
-6.8222

 185.6020,
-67.3448, -53.1480

 243.0000, 0.0000,
0.0000

■ 178.3810,
-75.6168, -59.9701

■ 247.9560, 3.4727,
6.1776

■ 171.0460,
-84.3257, -66.6923

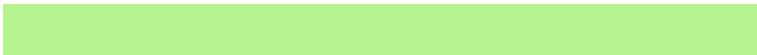
Harmonies

Analogous

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



220.9770, -48.7957, 17.5602



214.3010, -33.6724, -26.5740



203.1970, -6.0131, -78.2258

Triad

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



214.3010, -33.6724, -26.5740



188.7760, 32.6484, -112.0596



208.6660, 0.1647, 40.6349

Complementary

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



214.3010, -33.6724, -26.5740



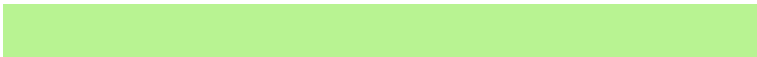
174.6990, 33.6724, 26.5740

Split Complementary

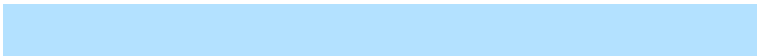
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2580, 19.0998, 33.9767



214.3010, -33.6724, -26.5740



214.6660, 19.8847, -31.2791

Square

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



214.3010, -33.6724, -26.5740



175.8200, 39.0357, -154.1941



226.2370, 14.1802, 25.2252



208.4770, -23.4062, 40.8007

Rectangle

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



214.3010, -33.6724, -26.5740



185.3380, 20.0464, -130.0924



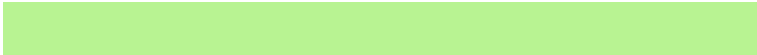
226.2370, 14.1802, 25.2252



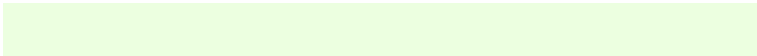
210.7180, 8.0270, 38.8353

Sweetspot

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



214.3010, -33.6724, -26.5740



245.7850, -10.7400, -8.5814



209.0490, -31.0832, 29.7750



122.6590, -6.2409, -4.9629



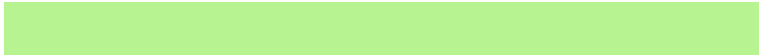
0.0000, 0.0000, 0.0000



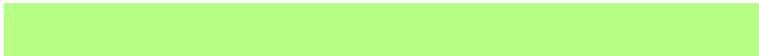
128.0000, 0.0000, 0.0000

Same Dimension

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



214.3010, -33.6724, -26.5740



218.9660, -42.3812, -33.2962



204.0790, -23.7029, -50.9353



118.5390, -4.2097, -3.1037



131.0090, -64.5874, -50.8739



41.5100, -20.4644, -16.2333

Inverse Universe

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



174.6990, 33.6724, 26.5740



169.0340, 42.3812, 33.2962



184.9210, 23.7029, 50.9353



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.4900, 20.4644, 16.2333

Previews

White Background



This preview shows how the YUV color 214.3010, -33.6724, -26.5740 looks on a white background.

Color Contrast Check

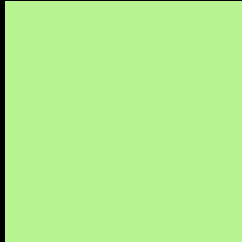
Large Text (above 18pt) WCAG AA × Fail

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 214.3010, -33.6724, -26.5740 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 214.3010, -33.6724, -26.5740 Background



This preview shows how black text looks on a background with the YUV color 214.3010, -33.6724, -26.5740.



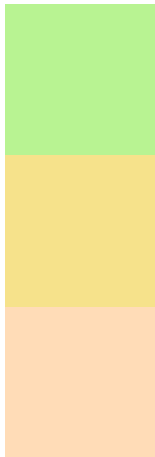
This preview shows how white text looks on a background with the YUV color 214.3010, -33.6724, -26.5740.

-26.5740.

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

214.3010, -33.6724, -26.5740

Protanopia

222.0620, -40.9496, 20.9936

Deuteranopia

226.2470, -21.3208, 25.2164



Tritanopia

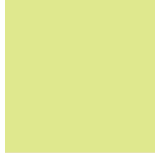
223.7830, 12.4320, -20.8577

Trichromacy



Original Color

214.3010, -33.6724, -26.5740



Protanomaly

219.0490, -37.9852, 3.4650



Deuteranomaly

221.6870, -25.4817, 6.4135



Tritanomaly

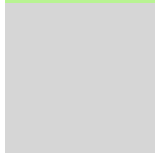
220.1190, -4.0027, -22.9064

Monochromacy



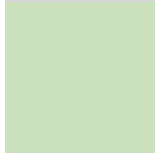
Original Color

214.3010, -33.6724, -26.5740



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3180, -12.4818, -9.9259

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3010, -33.6724, -26.5740 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(184, 243, 146)` looks like.

```
.text, #text, p{  
    color:rgb(184, 243, 146)  
}
```

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(184, 243, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 243, 146) }
```

Border

The CSS property to change the border of an element to YUV 214.3010, -33.6724, -26.5740 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(184, 243, 146) }
```


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

```
.border{ border-color:rgb(184, 243, 146) }
```

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

Here you see how a box with a 4 pixel rgb(184, 243, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 243, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 243, 146);  
box-shadow:4px 4px 4px 4px rgb(184, 243,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 214.3010, -33.6724, -26.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 243, 146) }
```

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

```
.background{ background-color: rgb(184,  
243, 146) }
```

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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