

Converting Colors

YUV(215.7450, -26.9893,
-23.4554)

Have a look what the booklet for
YUV(215.7450, -26.9893, -23.4554)
contains.

YUV(215.7450, -26.9893, -23.4554)	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(215.7450, -26.9893,
-23.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF0A1
RGB	189, 240, 161
RGB Percent	74%, 94%, 63%
CMY	0.2588, 0.0588, 0.3686
CMYK	0.21, 0.00, 0.33, 0.06
HSL	99°, 72%, 79%
HSV	99°, 33%, 94%
XYZ	58.5794, 75.7122, 45.2447
YIQ	215.7450, -5.0370, -35.3810

Conversions

Conversions Part 2

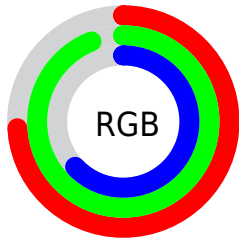
Format	Color
RYB	161, 240, 212
Decimal	12447905
CIELab	89.73, -30.21, 33.04
CIELCh	90, 44.768, 132.435
Yxy	75.7122, 0.3263, 0.4217
Android (android.graphics.Color)	4290637985 (0xFFBDF0A1)
YUV	215.7450, -26.9893, -23.4554
Hunter-Lab	87.0128, -32.1012, 30.0795

Details

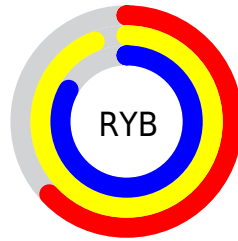
The YUV color $215.7450, -26.9893, -23.4554$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $185.2550, 26.9893, 23.4554$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8630, -15.7085, -1.6339$, and $160.5000, -25.3895, -23.2405$ is the 20% darker color. If you saturate the color by 10%, you get $208.5240, -35.2613, -30.2775$, and if you desaturate by 10%, it is $222.9660, -18.7172, -16.6332$.

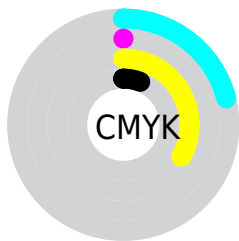
Distribution



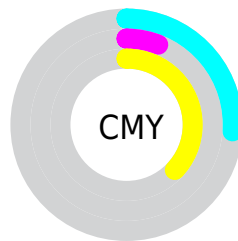
- Red (74%)
- Green (94%)
- Blue (63%)



- Red (63%)
- Yellow (94%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (26%)
- Magenta (6%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.7450, -26.9893, -23.4554 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 215.7450, -26.9893, -23.4554 by changing the saturation by 10% instead.

■ 215.7450,
-26.9893, -23.4554

■ 215.7450,
-26.9893, -23.4554

255.0000, 0.0000,
0.0000

■ 187.8590,
-26.5525, -23.5553

■ 247.8630,
-15.7085, -1.6339

■ 160.5000,
-25.3895, -23.2405

■ 253.8600, -4.3680,
0.9998

■ 134.0270,
-24.6633, -22.8257

■ 107.5540,
-23.9371, -22.4109

■ 82.7820, -23.0635,
-22.6108

■ 57.4830, -22.9161,
-23.2256

■ 34.9540, -17.2323,

-26.2697

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 215.7450,
-26.9893, -23.4554

■ 215.7450,
-26.9893, -23.4554

■ 208.5240,
-35.2613, -30.2775

■ 222.9660,
-18.7172, -16.6332

■ 201.0040,
-43.3860, -37.7145

■ 230.4860,
-10.5926, -9.1962

■ 193.7830,
-51.6580, -44.5367

■ 237.7070, -2.3206,
-2.3740

■ 186.2630,
-59.7827, -51.9737

■ 244.9990, 4.9305,
5.2629

■ 179.0420,
-68.0547, -58.7958

■ 246.1950, 4.3409,
7.7220

■ 171.5220,
-76.1793, -66.2328

■ 166.2950,
-81.9834, -71.2957

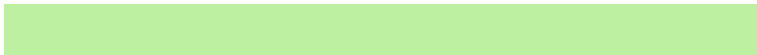
Harmonies

Analogous

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



221.0610, -39.4701, 13.1015



215.7450, -26.9893, -23.4554



208.2250, -5.0409, -63.3413

Triad

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



215.7450, -26.9893, -23.4554



204.6670, 24.8142, -72.4990



213.3620, -2.1505, 36.5165

Complementary

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



215.7450, -26.9893, -23.4554



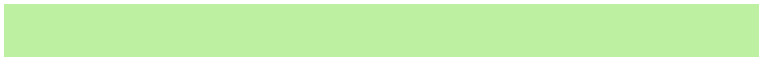
185.2550, 26.9893, 23.4554

Split Complementary

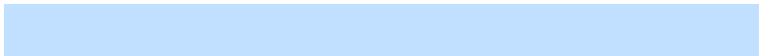
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.0250, 15.7637, 30.6731



215.7450, -26.9893, -23.4554



218.2650, 18.1104, -22.1574

Square

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



215.7450, -26.9893, -23.4554



191.4120, 31.3489, -115.2483



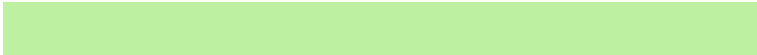
226.8130, 13.8962, 22.9660



213.0250, -21.2113, 36.8121

Rectangle

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



215.7450, -26.9893, -23.4554



201.4570, 13.0857, -90.7318



226.8130, 13.8962, 22.9660



214.4850, 4.6909, 35.5317

Sweetspot

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



215.7450, -26.9893, -23.4554



247.3660, -8.5614, -7.3370



213.9710, -26.1147, 22.8274



123.1860, -5.5147, -4.5481



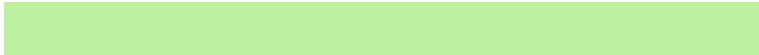
0.0000, 0.0000, 0.0000



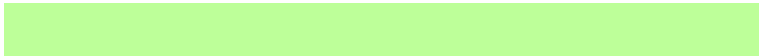
128.0000, 0.0000, 0.0000

Same Dimension

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



215.7450, -26.9893, -23.4554



223.6380, -34.8245, -30.3775



208.6270, -18.0571, -41.7689



116.2400, -4.0623, -3.7185



127.4430, -62.8294, -54.7625



38.8520, -19.1540, -16.5332

Inverse Universe

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



185.2550, 26.9893, 23.4554



184.3620, 34.8245, 30.3775



192.3730, 18.0571, 41.7689



111.7600, 4.0623, 3.7185



56.5570, 62.8294, 54.7625



17.1480, 19.1540, 16.5332

Previews

White Background



This preview shows how the YUV color 215.7450, -26.9893, -23.4554 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 215.7450, -26.9893, -23.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

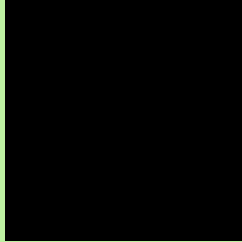
Any Text WCAG AA ✓ Pass

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 215.7450, -26.9893, -23.4554 Background



This preview shows how black text looks on a background with the YUV color 215.7450, -26.9893, -23.4554.



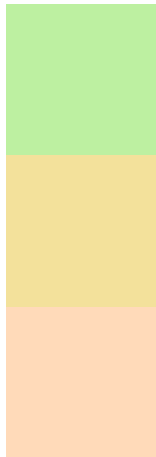
This preview shows how white text looks on a background with the YUV color 215.7450, -26.9893, -23.4554.

-23.4554.

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

215.7450, -26.9893, -23.4554

Protanopia

222.4020, -33.2292, 18.0644

Deuteranopia

225.3010, -19.8684, 26.0460



Tritanopia

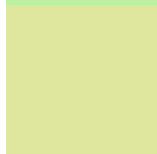
223.2780, 11.6949, -17.7838

Trichromacy



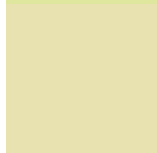
Original Color

215.7450, -26.9893, -23.4554



Protanomaly

219.5850, -30.8544, 2.9950



Deuteranomaly

221.7950, -22.5769, 8.0728



Tritanomaly

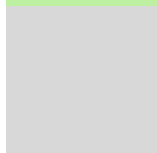
220.5970, -2.2663, -19.8176

Monochromacy



Original Color

215.7450, -26.9893, -23.4554



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0130, -9.8664, -8.7814

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.7450, -26.9893, -23.4554 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(189, 240, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 161)  
}
```

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(189, 240, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 161) }
```

Border

The CSS property to change the border of an element to YUV 215.7450, -26.9893, -23.4554 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(189, 240, 161) }
```


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

```
.border{ border-color:rgb(189, 240, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 240, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 215.7450, -26.9893, -23.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 240, 161) }
```

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

```
.background{ background-color: rgb(189,  
240, 161) }
```

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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