

Converting Colors

YUV(217.4550, -20.4373,
-24.9550)

Have a look what the booklet for
YUV(217.4550, -20.4373, -24.9550)
contains.

YUV(217.4550, -20.4373, -24.9550)	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(217.4550, -20.4373,
-24.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF0B0
RGB	189, 240, 176
RGB Percent	74%, 94%, 69%
CMY	0.2588, 0.0588, 0.3098
CMYK	0.21, 0.00, 0.27, 0.06
HSL	108°, 68%, 82%
HSV	108°, 27%, 94%
XYZ	59.9828, 76.2736, 52.6351
YIQ	217.4550, -9.8520, -30.7160

Conversions

Conversions Part 2

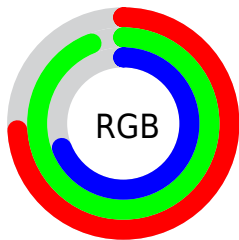
Format	Color
RYB	176, 240, 227
Decimal	12447920
CIELab	89.99, -27.96, 25.77
CIELCh	90, 38.025, 137.334
Yxy	76.2736, 0.3176, 0.4038
Android (android.graphics.Color)	4290638000 (0xFFBDF0B0)
YUV	217.4550, -20.4373, -24.9550
Hunter-Lab	87.3347, -30.2393, 25.4013

Details

The YUV color **217.4550, -20.4373, -24.9550** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **198.5450, 20.4373, 24.9550**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6870, -8.7197, -3.2335**, and **162.3950, -19.4217, -24.0254** is the 20% darker color. If you saturate the color by 10%, you get **209.0380, -28.1197, -34.2363**, and if you desaturate by 10%, it is **225.8720, -12.7549, -15.6737**.

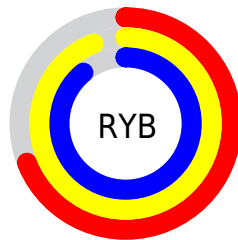
Distribution



Red (74%)

Green (94%)

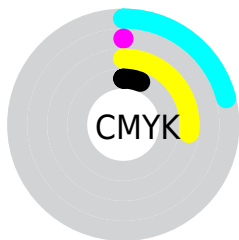
Blue (69%)



Red (69%)

Yellow (94%)

Blue (89%)

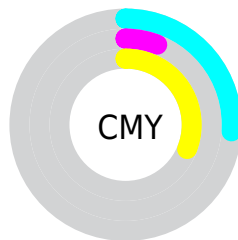


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4550, -20.4373, -24.9550 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 217.4550, -20.4373, -24.9550 by changing the saturation by 10% instead.

■ 217.4550,
-20.4373, -24.9550

■ 217.4550,
-20.4373, -24.9550

255.0000, 0.0000,
0.0000

■ 189.5690,
-20.0005, -25.0550

■ 249.6870, -8.7197,
-3.2335

■ 162.3950,
-19.4217, -24.0254

■ 135.6230,
-18.5481, -24.2254

■ 109.5630,
-17.5326, -23.2958

■ 84.6770, -17.0958,
-23.3957

■ 60.6060, -16.0748,
-24.2105

■ 35.7090, -15.6325,

-26.0548

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 217.4550,
-20.4373, -24.9550

■ 217.4550,
-20.4373, -24.9550

■ 209.0380,
-28.1197, -34.2363

■ 225.8720,
-12.7549, -15.6737

■ 200.6210,
-35.8022, -43.5176

■ 234.2890, -5.0725,
-6.3925

■ 192.2040,
-43.4846, -52.7989

■ 242.7060, 2.6099,
2.8888

■ 183.7870,
-51.1670, -62.0802

■ 246.1950, 4.3409,
7.7220

■ 175.0710,
-58.7020, -71.9763

■ 166.6540,
-66.3844, -81.2576

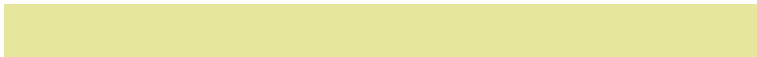
■ 158.2370,
-74.0668, -90.5388

■ 155.5310,
-76.6768, -93.4277

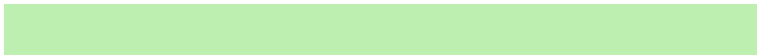
Harmonies

Analogous

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



222.1510, -32.6124, 6.8836



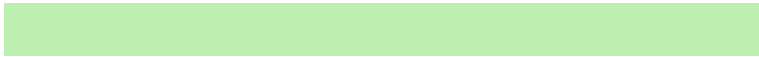
217.4550, -20.4373, -24.9550



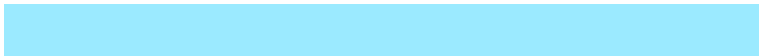
211.5940, -1.2788, -56.6489

Triad

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



217.4550, -20.4373, -24.9550



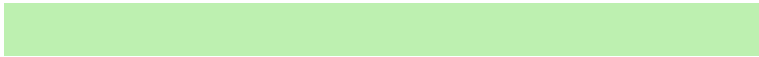
212.7730, 20.8179, -50.6669



217.1290, -5.4866, 33.2129

Complementary

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



217.4550, -20.4373, -24.9550



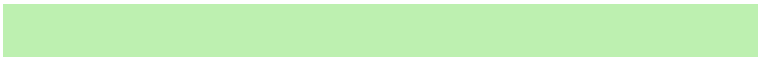
198.5450, 20.4373, 24.9550

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.



221.9340, 10.3855, 28.9989



217.4550, -20.4373, -24.9550



222.1740, 16.1832, -10.6766

Square

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



217.4550, -20.4373, -24.9550



205.4980, 24.4045, -81.1207



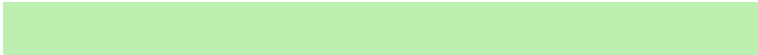
228.5850, 13.0226, 23.1660



217.5900, -21.4899, 32.8086

Rectangle

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



217.4550, -20.4373, -24.9550



207.5560, 13.0369, -75.0326



228.5850, 13.0226, 23.1660



218.0240, 0.4812, 32.4280

Sweetspot

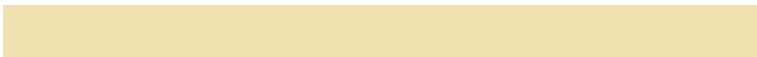
The Sweet Spot groups the original color and five complimentary colors.



217.4550, -20.4373, -24.9550



247.9360, -6.3774, -7.8369



224.4860, -23.9036, 13.6058



123.2290, -4.0569, -5.4628



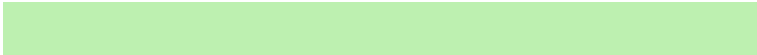
0.0000, 0.0000, 0.0000



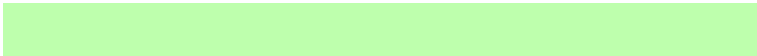
128.0000, 0.0000, 0.0000

Same Dimension

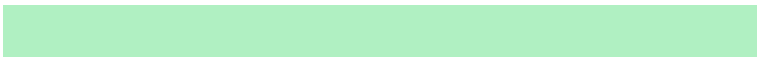
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.4550, -20.4373, -24.9550



226.2170, -26.2360, -31.7623



215.6200, -10.6587, -34.7467



115.6420, -3.7675, -4.9480



119.0710, -58.7020, -71.9763



36.1610, -17.8274, -22.0662

Inverse Universe

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



198.5450, 20.4373, 24.9550



201.7830, 26.2360, 31.7623



200.3800, 10.6587, 34.7467



112.0590, 3.9149, 4.3333



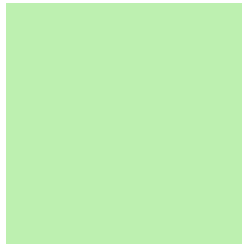
64.6300, 58.8494, 71.3615



19.8390, 17.8274, 22.0662

Previews

White Background



This preview shows how the YUV color 217.4550, -20.4373, -24.9550 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 217.4550, -20.4373, -24.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

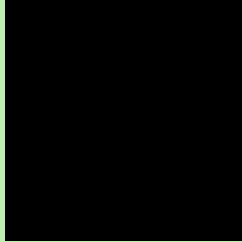
Any Text WCAG AA ✓ Pass

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 217.4550, -20.4373, -24.9550 Background



This preview shows how black text looks on a background with the YUV color 217.4550, -20.4373, -24.9550.



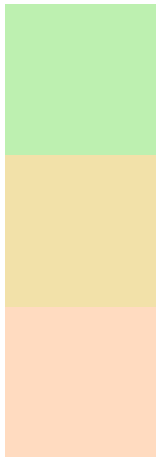
This preview shows how white text looks on a background with the YUV color 217.4550, -20.4373, -24.9550.

-24.9550.

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

217.4550, -20.4373, -24.9550

Protanopia

223.6990, -26.9666, 16.0500

Deuteranopia

226.6860, -17.1002, 24.8314



Tritanopia

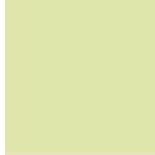
223.4950, 12.5740, -19.7281

Trichromacy



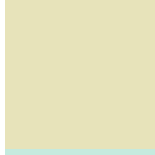
Original Color

217.4550, -20.4373, -24.9550



Protanomaly

221.2950, -24.3024, 1.4953



Deuteranomaly

223.5220, -18.4983, 6.5582



Tritanomaly

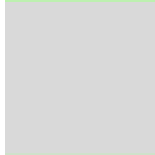
221.5690, 0.2125, -21.5470

Monochromacy



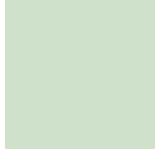
Original Color

217.4550, -20.4373, -24.9550



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.9960, -7.3930, -8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4550, -20.4373, -24.9550 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 176) }
```

Border

The CSS property to change the border of an element to YUV 217.4550, -20.4373, -24.9550 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, 176) }
```


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

```
.border{ border-color:rgb(189, 240, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 176);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 217.4550, -20.4373, -24.9550 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, 176) }
```

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

```
.background{ background-color: rgb(189,  
240, 176) }
```

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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