

Converting Colors

YUV(213.4030, 5.2243,
-42.4494)

Have a look what the booklet for
YUV(213.4030, 5.2243, -42.4494)
contains.

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Color

**YUV(213.4030, 5.2243,
-42.4494)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ECE0
RGB	165, 236, 224
RGB Percent	65%, 93%, 88%
CMY	0.3529, 0.0745, 0.1216
CMYK	0.30, 0.00, 0.05, 0.07
HSL	170°, 65%, 79%
HSV	170°, 30%, 93%
XYZ	58.9670, 73.3721, 81.5753
YIQ	213.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

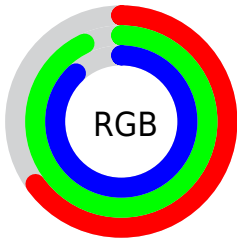
Format	Color
R _{YB}	165, 204, 236
Decimal	10874080
CIE Lab	88.62, -24.53, -1.26
CIE LCh	89, 24.559, 182.941
Yxy	73.3721, 0.2757, 0.3430
Android (android.graphics.Color)	4289064160 (0xFFA5ECE0)
YUV	213.4030, 5.2243, -42.4494
Hunter-Lab	85.6575, -27.0203, 3.4958

Details

The YUV color **213.4030, 5.2243, -42.4494** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **187.5970, -5.2243, 42.4494**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **157.8160, 5.5137, -41.9346** is the 20% darker color. If you saturate the color by 10%, you get **205.7710, 7.0149, -56.8042**, and if you desaturate by 10%, it is **221.0350, 3.4337, -28.0947**.

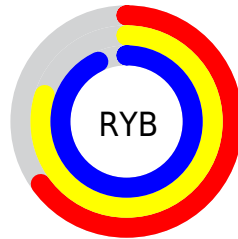
Distribution



Red (65%)

Green (93%)

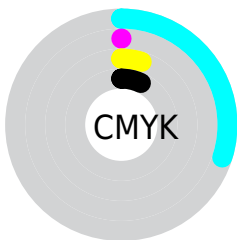
Blue (88%)



Red (65%)

Yellow (80%)

Blue (93%)

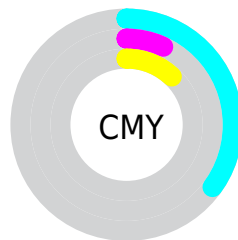


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (35%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4030, 5.2243, -42.4494 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 213.4030, 5.2243, -42.4494 by changing the saturation by 10% instead.


 213.4030, 5.2243,
-42.4494

 213.4030, 5.2243,
-42.4494


255.0000, 0.0000,
0.0000


 185.4030, 5.2243,
-42.4494


 245.1330, 4.8644,
-20.2876


 157.8160, 5.5137,
-41.9346

 253.8040, 0.5896,
-2.4591

 131.1150, 5.3663,
-41.3199

 104.9300, 5.9505,
-42.0346

 78.7340, 6.5401,
-44.4937

 53.0650, 7.8560,
-46.5380

 37.0560, 4.9024,

-32.4981

■ 22.3350, 1.8068,
-19.5878

■ 0.0000, 0.0000,
0.0000

■ 213.4030, 5.2243,
-42.4494

■ 213.4030, 5.2243,
-42.4494

■ 205.7710, 7.0149,
-56.8042

■ 221.0350, 3.4337,
-28.0947

■ 198.4380, 8.6581,
-70.5441

■ 228.3680, 1.7906,
-14.3547

■ 190.8060, 10.4486,
-84.8989

■ 236.0000, 0.0000,
0.0000

■ 183.4730, 12.0918,
-98.6388

■ 242.1370, -1.0535,
11.2809

■ 175.8410, 13.8824,
-112.9936

■ 242.5930, 0.6937,
10.8809

■ 168.2090, 15.6730,
-127.3483

■ 243.0490, 2.4408,
10.4810

■ 160.8760, 17.3161,
-141.0883

■ 243.5050, 4.1880,
10.0811

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



215.8860, -7.3388, -26.2100



213.4030, 5.2243, -42.4494



213.3450, 16.5919, -48.5376

Triad

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



213.4030, 5.2243, -42.4494



224.6320, 14.9714, 4.7077



222.6110, -20.0212, 28.4052

Complementary

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



213.4030, 5.2243, -42.4494



187.5970, -5.2243, 42.4494

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.



220.9130, -11.2961, 29.8943



213.4030, 5.2243, -42.4494



226.7440, 8.5072, 24.7805

Square

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



213.4030, 5.2243, -42.4494



219.7600, 17.3733, -19.0835



222.3610, -0.6710, 28.6244



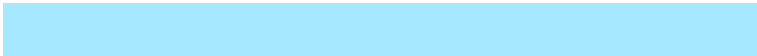
221.5400, -22.4512, 14.4354

Rectangle

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



213.4030, 5.2243, -42.4494



214.5890, 19.9226, -43.4896



222.3610, -0.6710, 28.6244



221.8930, -17.6952, 29.0348

Sweetspot

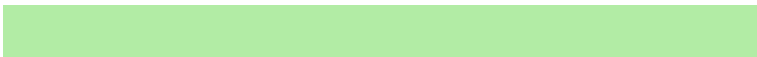
The Sweet Spot groups the original color and five complimentary colors.



213.4030, 5.2243, -42.4494



247.6670, 1.6432, -13.7400



210.5640, -22.4631, -28.5586



123.1730, 0.9007, -8.9217



0.0000, 0.0000, 0.0000



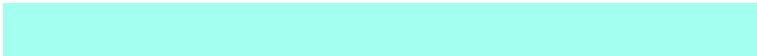
128.0000, 0.0000, 0.0000

Same Dimension

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



213.4030, 5.2243, -42.4494



225.6680, 6.5727, -54.9598



201.8570, 16.8325, -32.3236



113.4830, 0.7479, -6.5626



123.3470, 13.1399, -108.1753



36.7140, 3.5920, -32.1982

Inverse Universe

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



187.5970, -5.2243, 42.4494



192.3320, -6.5727, 54.9598



199.1430, -16.8325, 32.3236



109.5170, -0.7479, 6.5626



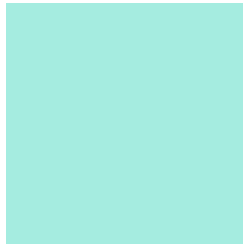
57.6530, -13.1399, 108.1753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 213.4030, 5.2243, -42.4494 looks on a white background.

Color Contrast Check

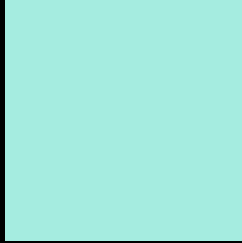
Large Text (above 18pt) WCAG AA × Fail

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 213.4030, 5.2243, -42.4494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

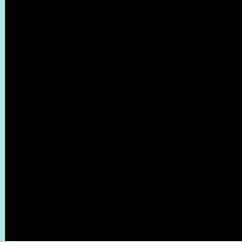
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

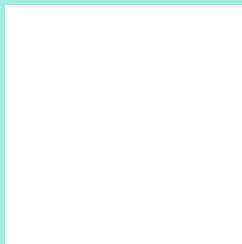
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.4030, 5.2243, -42.4494 Background



This preview shows how black text looks on a background with the YUV color 213.4030, 5.2243, -42.4494.



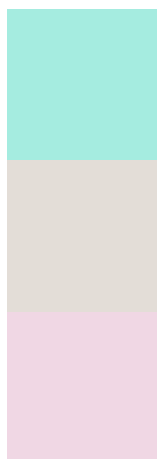
This preview shows how white text looks on a background with the YUV color 213.4030, 5.2243, -42.4494.

-42.4494.

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

213.4030, 5.2243, -42.4494

Protanopia

222.1100, -3.5052, 4.2885

Deuteranopia

223.9570, 1.9932, 14.0697



Tritanopia

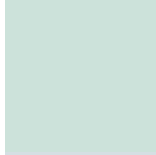
215.9270, 17.2910, -39.4010

Trichromacy



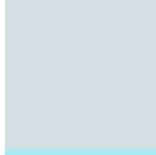
Original Color

213.4030, 5.2243, -42.4494



Protanomaly

218.5100, -0.2514, -12.7253



Deuteranomaly

220.4660, 3.2213, -6.5477



Tritanomaly

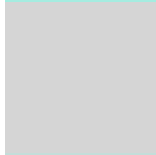
214.7760, 12.9284, -40.1456

Monochromacy



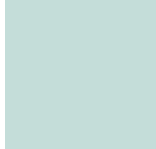
Original Color

213.4030, 5.2243, -42.4494



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4030, 5.2243, -42.4494 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(165, 236, 224)` looks like.

```
.text, #text, p{  
    color:rgb(165, 236, 224)  
}
```

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(165, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 236, 224) }
```

Border

The CSS property to change the border of an element to YUV 213.4030, 5.2243, -42.4494 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(165, 236, 224) }
```


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

```
.border{ border-color:rgb(165, 236, 224) }
```

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

Here you see how a box with a 4 pixel rgb(165, 236, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(165, 236,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 213.4030, 5.2243, -42.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 236, 224) }
```

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

```
.background{ background-color: rgb(165,  
236, 224) }
```

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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