

Converting Colors

YUV(213.2720, 7.2609,
-42.3345)

Have a look what the booklet for
YUV(213.2720, 7.2609, -42.3345)
contains.

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Color

**YUV(213.2720, 7.2609,
-42.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EBE4
RGB	165, 235, 228
RGB Percent	65%, 92%, 89%
CMY	0.3529, 0.0784, 0.1059
CMYK	0.30, 0.00, 0.03, 0.08
HSL	174°, 64%, 78%
HSV	174°, 30%, 92%
XYZ	59.2290, 73.0174, 84.3709
YIQ	213.2720, -39.4730, -17.0170

Conversions

Conversions Part 2

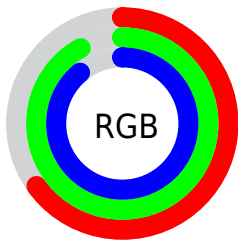
Format	Color
RYB	165, 202, 235
Decimal	10873828
CIELab	88.46, -23.17, -3.60
CIELCh	88, 23.447, 188.839
Yxy	73.0174, 0.2734, 0.3371
Android (android.graphics.Color)	4289063908 (0xFFA5EBE4)
YUV	213.2720, 7.2609, -42.3345
Hunter-Lab	85.4502, -25.8124, 1.2741

Details

The YUV color **213.2720, 7.2609, -42.3345** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.7280, -7.2609, 42.3345**, 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 **157.6850, 7.5503, -41.8197** is the 20% darker color. If you saturate the color by 10%, you get **206.1670, 9.7777, -56.2745**, and if you desaturate by 10%, it is **220.6760, 4.5967, -27.7799**.

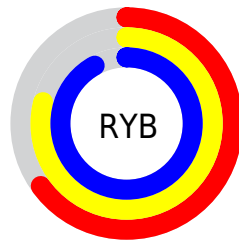
Distribution



Red (65%)

Green (92%)

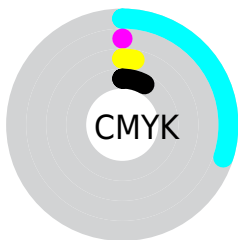
Blue (89%)



Red (65%)

Yellow (79%)

Blue (92%)

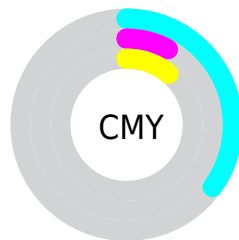


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2720, 7.2609, -42.3345 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 213.2720, 7.2609, -42.3345 by changing the saturation by 10% instead.

■ 213.2720, 7.2609,
-42.3345

■ 213.2720, 7.2609,
-42.3345

■ 255.0000, 0.0000,
0.0000

■ 185.2720, 7.2609,
-42.3345

■ 245.1330, 4.8644,
-20.2876

■ 157.6850, 7.5503,
-41.8197

■ 253.8040, 0.5896,
-2.4591

■ 130.9840, 7.4029,
-41.2050

■ 104.6850, 7.5503,
-41.8197

■ 78.6030, 8.5767,
-44.3788

■ 53.4070, 9.1663,
-46.8379

■ 36.8110, 6.5022,

-32.2832

■ 22.6770, 3.1172,
-19.8877

■ 0.2280, 0.8736,
-0.2000

■ 213.2720, 7.2609,
-42.3345

■ 213.2720, 7.2609,
-42.3345

■ 206.1670, 9.7777,
-56.2745

■ 220.6760, 4.5967,
-27.7799

■ 198.6490, 12.0050,
-70.7292

■ 227.8950, 2.5168,
-13.9399

■ 191.5440, 14.5218,
-84.6691

■ 235.2990, -0.1474,
0.6148

■ 184.1400, 17.1860,
-99.2238

■ 241.2080, -2.0745,
12.0956

■ 176.9210, 19.2659,
-113.0637

■ 241.5500, -0.7642,
11.7956

■ 169.5170, 21.9301,
-127.6184

■ 241.7780, 0.1094,
11.5957

■ 162.4120, 24.4469,
-141.5583

■ 242.0060, 0.9830,
11.3957

■ 162.1130, 24.5943,
-142.1731

■ 242.3480, 2.2934,
11.0958

■ 242.5760, 3.1670,
10.8958

Harmonies

Analogous

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



215.4450, -5.1494, -28.4543



213.2720, 7.2609, -42.3345



213.5950, 17.4547, -45.2488

Triad

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



213.2720, 7.2609, -42.3345



224.6540, 14.9606, 8.1964



222.7850, -20.6000, 27.3756

Complementary

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



213.2720, 7.2609, -42.3345



186.7280, -7.2609, 42.3345

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.



221.1580, -12.8959, 29.6794



213.2720, 7.2609, -42.3345



225.5870, 6.6126, 25.7952

Square

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



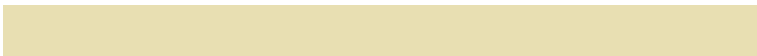
213.2720, 7.2609, -42.3345



220.6790, 16.9203, -13.7505



221.7910, -2.8550, 29.1243



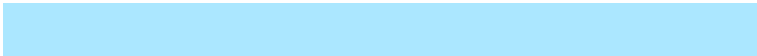
220.5610, -20.9826, 10.0320

Rectangle

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



213.2720, 7.2609, -42.3345



215.7960, 19.3276, -39.2861



221.7910, -2.8550, 29.1243



222.3660, -18.4214, 28.6200

Sweetspot

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



213.2720, 7.2609, -42.3345



247.8950, 2.5168, -13.9399



208.1830, -21.2892, -31.7325



123.2870, 1.3375, -9.0217



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.



213.2720, 7.2609, -42.3345



226.4660, 9.6303, -55.6597



197.6340, 18.4214, -28.6200



113.5970, 1.1847, -6.6626



124.8290, 18.8183, -109.4750



37.1700, 5.3392, -32.5981

Inverse Universe

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



186.7280, -7.2609, 42.3345



191.5340, -9.6303, 55.6597



202.3660, -18.4214, 28.6200



109.4030, -1.1847, 6.6626



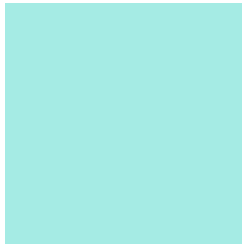
56.1710, -18.8183, 109.4750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 213.2720, 7.2609, -42.3345 looks on a white background.

Color Contrast Check

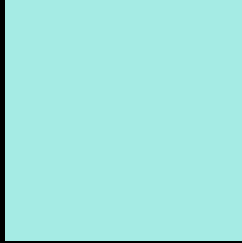
Large Text (above 18pt) WCAG AA × Fail

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 213.2720, 7.2609, -42.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

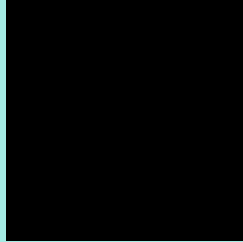
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.2720, 7.2609, -42.3345

Background



This preview shows how black text looks on a background with the YUV color 213.2720, 7.2609, -42.3345.



This preview shows how white text looks on a background with the YUV color 213.2720, 7.2609, -42.3345.

-42.3345.

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

213.2720, 7.2609, -42.3345

Protanopia

221.3810, -1.1738, 3.1739

Deuteranopia

223.8150, 4.0352, 12.4402



Tritanopia

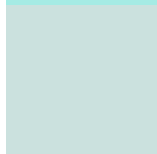
215.5140, 17.0016, -39.9158

Trichromacy



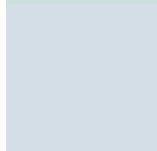
Original Color

213.2720, 7.2609, -42.3345



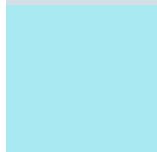
Protanomaly

218.0800, 1.9326, -13.2252



Deuteranomaly

219.7370, 5.5527, -7.6623



Tritanomaly

214.5910, 13.5126, -40.8603

Monochromacy



Original Color

213.2720, 7.2609, -42.3345



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2720, 7.2609, -42.3345 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, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 228)  
}
```

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, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 228) }
```

Border

The CSS property to change the border of an element to YUV 213.2720, 7.2609, -42.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

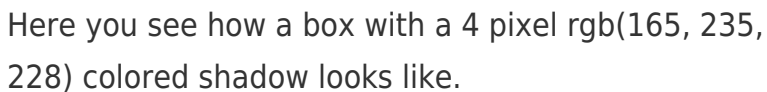
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 235, 228) }
```


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

```
.border{ border-color:rgb(165, 235, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 235, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 235, 228); box-shadow:4px 4px 4px 4px rgb(165, 235, 228) }
```

Background

The CSS property to change the background color of an element to YUV 213.2720, 7.2609, -42.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 228) }
```

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

```
.background{ background-color: rgb(165,  
235, 228) }
```

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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