

Converting Colors

YUV(217.6680, 10.0237,
-41.8048)

Have a look what the booklet for
YUV(217.6680, 10.0237, -41.8048)
contains.

YUV(217.6680, 10.0237, -41.8048)	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(217.6680, 10.0237,
-41.8048)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEEE
RGB	170, 238, 238
RGB Percent	67%, 93%, 93%
CMY	0.3333, 0.0667, 0.0667
CMYK	0.29, 0.00, 0.00, 0.07
HSL	180°, 67%, 80%
HSV	180°, 29%, 93%
XYZ	62.5847, 75.8682, 92.2344
YIQ	217.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

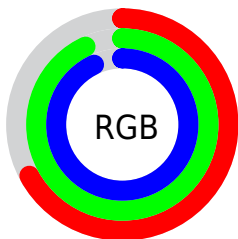
Format	Color
R_{YB}	170, 204, 238
Decimal	11202286
CIE _{Lab}	89.80, -21.04, -6.83
CIE _{LCh}	90, 22.116, 197.981
Yxy	75.8682, 0.2713, 0.3289
Android (android.graphics.Color)	4289392366 (0xFFAAEEEE)
YUV	217.6680, 10.0237, -41.8048
Hunter-Lab	87.1023, -24.1734, -1.8117

Details

The YUV color **217.6680, 10.0237, -41.8048** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **190.3320, -10.0237, 41.8048**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **161.9670, 9.8763, -41.1901** is the 20% darker color. If you saturate the color by 10%, you get **210.4920, 13.5614, -56.5595**, and if you desaturate by 10%, it is **224.8440, 6.4859, -27.0502**.

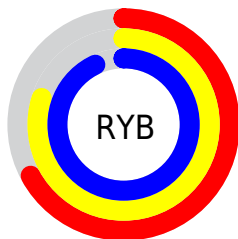
Distribution



Red (67%)

Green (93%)

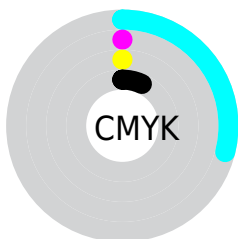
Blue (93%)



Red (67%)

Yellow (80%)

Blue (93%)

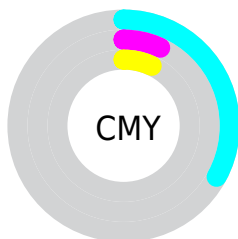


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6680, 10.0237, -41.8048 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 217.6680, 10.0237, -41.8048 by changing the saturation by 10% instead.

■ 217.6680, 10.0237,
-41.8048

■ 217.6680, 10.0237,
-41.8048

255.0000, 0.0000,
0.0000

■ 189.6680, 10.0237,
-41.8048

■ 246.6280, 4.1274,
-17.2138

■ 161.9670, 9.8763,
-41.1901

■ 134.9670, 9.8763,
-41.1901

■ 108.9670, 9.8763,
-41.1901

■ 82.7710, 10.4659,
-43.6492

■ 55.4930, 12.0820,
-48.6674

■ 39.3700, 8.6916,

-34.5275

■ 24.0620, 5.8854,
-21.1024

■ 2.2970, 6.2626,
-2.0145

■ 217.6680, 10.0237,
-41.8048

■ 217.6680, 10.0237,
-41.8048

■ 210.4920, 13.5614,
-56.5595

■ 224.8440, 6.4859,
-27.0502

■ 203.3160, 17.0992,
-71.3141

■ 232.0200, 2.9481,
-12.2955

■ 196.4390, 20.4896,
-85.4540

■ 238.8970, -0.4422,
1.8443

■ 189.2630, 24.0273,
-100.2087

■ 243.0830, -2.5059,
10.4512

■ 182.0870, 27.5651,
-114.9633

■ 174.9110, 31.1029,
-129.7179

■ 167.7350, 34.6406,
-144.4726

■ 166.8380, 35.0829,
-146.3169

Harmonies

Analogous

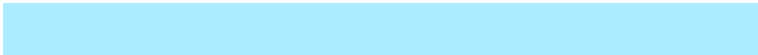
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.0470, -1.5022, -31.6132



217.6680, 10.0237, -41.8048



218.7420, 17.8752, -40.1157

Triad

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



217.6680, 10.0237, -41.8048



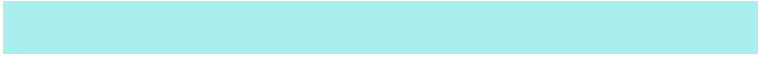
229.0030, 12.3235, 14.0294



225.5670, -19.9995, 21.4277

Complementary

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



217.6680, 10.0237, -41.8048



190.3320, -10.0237, 41.8048

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.



224.6800, -14.6322, 26.5906



217.6680, 10.0237, -41.8048



227.4790, 3.7079, 24.1359

Square

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



217.6680, 10.0237, -41.8048



225.4520, 14.5672, -5.6584



224.4980, -5.1755, 26.7503



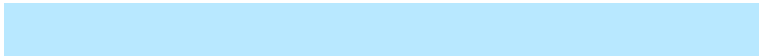
223.5110, -18.4929, 4.8139

Rectangle

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



217.6680, 10.0237, -41.8048



220.2700, 17.1219, -31.8088



224.4980, -5.1755, 26.7503



226.1160, -19.2842, 25.3313

Sweetspot

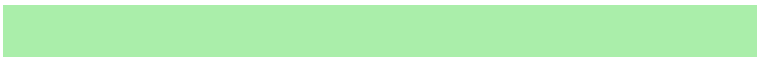
The Sweet Spot groups the original color and five complimentary colors.



217.6680, 10.0237, -41.8048



248.1230, 3.3904, -14.1399



209.9160, -19.6786, -35.0063



123.5150, 2.2111, -9.2217



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.



217.6680, 10.0237, -41.8048



228.9870, 12.8244, -53.4856



197.7100, 19.8630, -24.3017



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

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



198.0840, 19.6786, 35.0063



203.9310, 25.1770, 44.7875



210.2900, -19.8630, 24.3017



112.9560, 3.4727, 6.1776



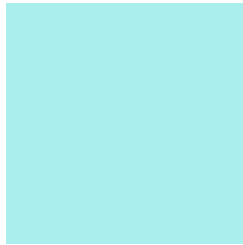
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 217.6680, 10.0237, -41.8048 looks on a white background.

Color Contrast Check

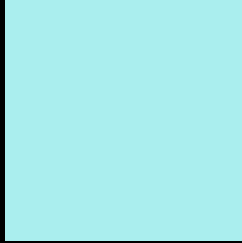
Large Text (above 18pt) WCAG AA × Fail

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 217.6680, 10.0237, -41.8048 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 217.6680, 10.0237, -41.8048

Background



This preview shows how black text looks on a background with the YUV color 217.6680, 10.0237, -41.8048.



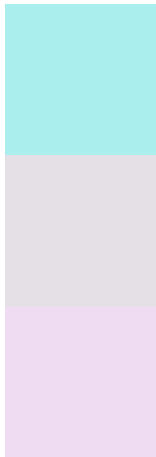
This preview shows how white text looks on a background with the YUV color 217.6680, 10.0237, -41.8048.

-41.8048.

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

217.6680, 10.0237, -41.8048

Protanopia

225.8800, 2.0312, 1.8592

Deuteranopia

227.6020, 7.0982, 9.9960



Tritanopia

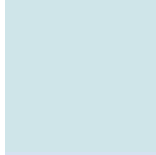
218.9270, 17.2910, -39.4010

Trichromacy



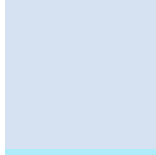
Original Color

217.6680, 10.0237, -41.8048



Protanomaly

222.8780, 4.9901, -13.9250



Deuteranomaly

224.1220, 8.3209, -8.8770



Tritanomaly

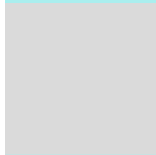
218.5310, 14.5282, -39.9307

Monochromacy



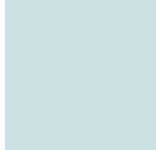
Original Color

217.6680, 10.0237, -41.8048



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.8240, 3.5378, -14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6680, 10.0237, -41.8048 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(170, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 238)  
}
```

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(170, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 238) }
```

Border

The CSS property to change the border of an element to YUV 217.6680, 10.0237, -41.8048 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(170, 238, 238) }
```


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

```
.border{ border-color:rgb(170, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 217.6680, 10.0237, -41.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 238) }
```

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

```
.background{ background-color: rgb(170,  
238, 238) }
```

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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