

Converting Colors

YUV(217.0360, 15.2653,
-43.0046)

Have a look what the booklet for
YUV(217.0360, 15.2653, -43.0046)
contains.

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Color

**YUV(217.0360, 15.2653,
-43.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ECF8
RGB	168, 236, 248
RGB Percent	66%, 93%, 97%
CMY	0.3412, 0.0745, 0.0275
CMYK	0.32, 0.05, 0.00, 0.03
HSL	189°, 85%, 82%
HSV	189°, 32%, 97%
XYZ	63.0872, 75.0930, 99.9763
YIQ	217.0360, -44.3800, -10.6840

Conversions

Conversions Part 2

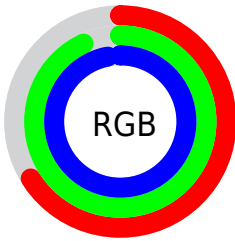
Format	Color
R _Y B	168, 205, 248
Decimal	11070712
CIE Lab	89.44, -18.32, -12.60
CIE LCh	89, 22.234, 214.532
Yxy	75.0930, 0.2649, 0.3153
Android (android.graphics.Color)	4289260792 (0xFFA8ECF8)
YUV	217.0360, 15.2653, -43.0046
Hunter-Lab	86.6562, -21.6975, -7.7442

Details

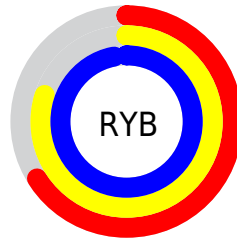
The YUV color **217.0360, 15.2653, -43.0046** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **198.9640, -15.2653, 43.0046**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0300, 4.4222, -18.4433**, and **161.3350, 15.1178, -42.3898** is the 20% darker color. If you saturate the color by 10%, you get **207.2130, 20.1080, -56.3148**, and if you desaturate by 10%, it is **226.8590, 10.4225, -29.6943**.

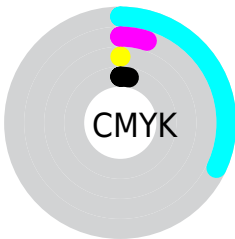
Distribution



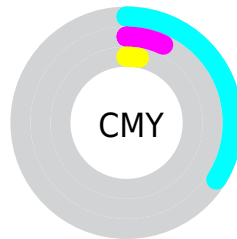
- Red (66%)
- Green (93%)
- Blue (97%)



- Red (66%)
- Yellow (80%)
- Blue (97%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (34%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0360, 15.2653, -43.0046 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 217.0360, 15.2653, -43.0046 by changing the saturation by 10% instead.

■ 217.0360, 15.2653,
-43.0046

■ 217.0360, 15.2653,
-43.0046

255.0000, 0.0000,
0.0000

■ 188.9220, 14.8285,
-42.9046

■ 246.0300, 4.4222,
-18.4433

■ 161.3350, 15.1178,
-42.3898

■ 134.3350, 15.1178,
-42.3898

■ 107.6230, 14.9759,
-43.5194

■ 80.8290, 15.8603,
-47.2080

■ 55.8180, 15.8657,
-48.9524

■ 39.6950, 12.4754,

-34.8125

■ 24.2730, 9.2324,
-21.2874

■ 3.2090, 9.7570,
-2.8143

■ 217.0360, 15.2653,
-43.0046

■ 217.0360, 15.2653,
-43.0046

■ 207.2130, 20.1080,
-56.3148

■ 226.8590, 10.4225,
-29.6943

■ 197.9770, 24.6613,
-70.1398

■ 236.0950, 5.8692,
-15.8693

■ 188.4530, 29.3567,
-82.8353

■ 245.6190, 1.1738,
-3.1739

■ 178.6300, 34.1994,
-96.1455

■ 251.8540, -1.9000,
2.7590

■ 168.8070, 39.0421,
-109.4557

■ 254.2020, -3.0576,
0.6998

■ 159.5710, 43.5955,
-123.2808

■ 152.1290, 47.2644,
-133.4171

Harmonies

Analogous

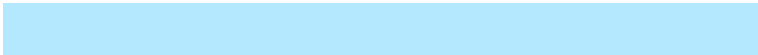
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.7240, 5.0661, -38.3459



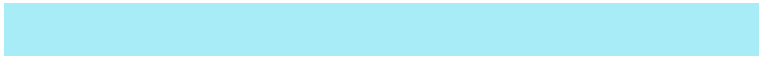
217.0360, 15.2653, -43.0046



219.0740, 17.7115, -34.2679

Triad

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



217.0360, 15.2653, -43.0046



228.3910, 7.2022, 23.3361



223.5120, -19.9724, 12.7060

Complementary

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



217.0360, 15.2653, -43.0046



198.9640, -15.2653, 43.0046

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.



224.9420, -18.7054, 26.3609



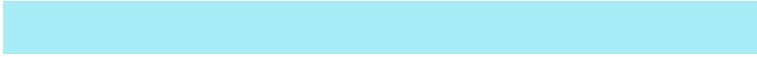
217.0360, 15.2653, -43.0046



224.8230, -1.3917, 26.4652

Square

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



217.0360, 15.2653, -43.0046



226.7030, 13.9504, 5.5225



223.7170, -10.7065, 27.4352



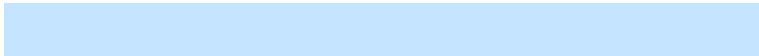
221.1290, -15.8396, -6.2521

Rectangle

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



217.0360, 15.2653, -43.0046



221.5100, 16.5106, -22.3723



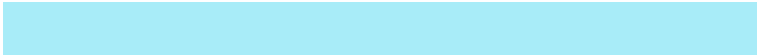
223.7170, -10.7065, 27.4352



224.4310, -20.4255, 18.0390

Sweetspot

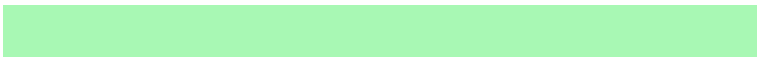
The Sweet Spot groups the original color and five complimentary colors.



217.0360, 15.2653, -43.0046



245.1770, 4.8427, -13.3102



216.3280, -17.9097, -42.3837



121.4550, 3.2267, -8.2920



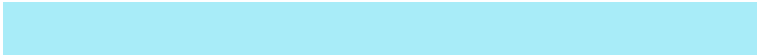
0.0000, 0.0000, 0.0000



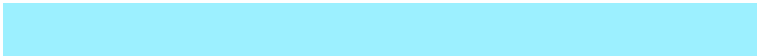
128.0000, 0.0000, 0.0000

Same Dimension

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



217.0360, 15.2653, -43.0046



216.5940, 18.9342, -53.1409



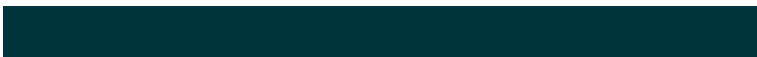
193.5560, 26.8409, -22.4126



119.9390, 2.4951, -6.9625



115.4660, 36.2523, -101.2637



37.4780, 11.5963, -32.8682

Inverse Universe

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



199.6720, 17.9097, 42.3837



195.1770, 22.0977, 52.4648



222.4440, -26.8409, 22.4126



117.1410, 2.8885, 6.8923



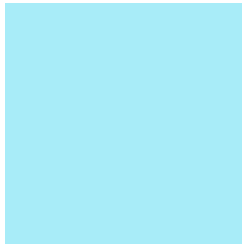
74.7510, 42.0278, 100.1964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 217.0360, 15.2653, -43.0046 looks on a white background.

Color Contrast Check

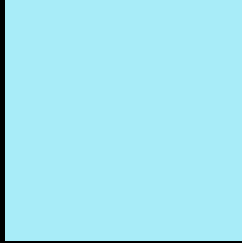
Large Text (above 18pt) WCAG AA × Fail

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 217.0360, 15.2653, -43.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

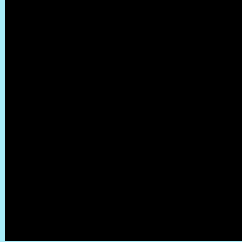
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0360, 15.2653, -43.0046

Background



This preview shows how black text looks on a background with the YUV color 217.0360, 15.2653, -43.0046.



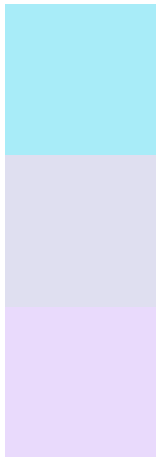
This preview shows how white text looks on a background with the YUV color 217.0360, 15.2653, -43.0046.

-43.0046.

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

217.0360, 15.2653, -43.0046

Protanopia

224.9380, 7.4256, -1.6996

Deuteranopia

226.3610, 12.6400, 5.8224



Tritanopia

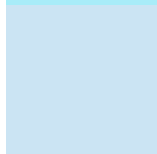
217.4320, 18.0280, -42.4749

Trichromacy



Original Color

217.0360, 15.2653, -43.0046



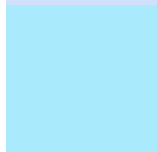
Protanomaly

222.2350, 10.2371, -16.8691



Deuteranomaly

223.1800, 13.7153, -12.4359



Tritanomaly

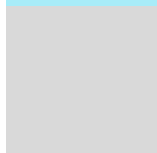
217.2040, 17.1544, -42.2749

Monochromacy



Original Color

217.0360, 15.2653, -43.0046



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.9810, 5.4324, -15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0360, 15.2653, -43.0046 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(168, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(168, 236, 248)  
}
```

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(168, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 236, 248) }
```

Border

The CSS property to change the border of an element to YUV 217.0360, 15.2653, -43.0046 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(168, 236, 248) }
```


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

```
.border{ border-color:rgb(168, 236, 248) }
```

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

Here you see how a box with a 4 pixel rgb(168, 236, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(168, 236,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 217.0360, 15.2653, -43.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 236, 248) }
```

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

```
.background{ background-color: rgb(168,  
236, 248) }
```

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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