

Converting Colors

YUV(230.4090, 2.7564,
-44.2087)

Have a look what the booklet for
YUV(230.4090, 2.7564, -44.2087)
contains.

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Color

**YUV(230.4090, 2.7564,
-44.2087)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B4FFEC |
| RGB | 180, 255, 236 |
| RGB Percent | 71%, 100%, 93% |
| CMY | 0.2941, 0.0000, 0.0745 |
| CMYK | 0.29, 0.00, 0.07, 0.00 |
| HSL | 165°, 100%, 85% |
| HSV | 165°, 29%, 100% |
| XYZ | 69.7227, 87.2794, 92.5287 |
| YIQ | 230.4090, -38.6010, -21.8090 |

Conversions

Conversions Part 2

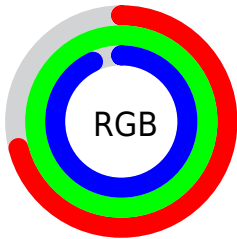
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 180, 223, 255 |
| Decimal | 11861996 |
| CIE _{Lab} | 94.86, -26.89, 1.69 |
| CIE _{LCh} | 95, 26.947, 176.397 |
| Y _{xy} | 87.2794, 0.2794, 0.3498 |
| Android (android.graphics.Color) | 4290052076 (0xFFB4FFEC) |
| YUV | 230.4090, 2.7564, -44.2087 |
| Hunter-Lab | 93.4235, -30.2750, 6.6743 |

Details

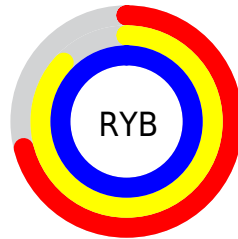
The YUV color $230.4090, 2.7564, -44.2087$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $204.5910, -2.7564, 44.2087$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $174.1210, 2.8983, -43.0791$ is the 20% darker color. If you saturate the color by 10%, you get $222.2500, 3.8207, -58.9783$, and if you desaturate by 10%, it is $238.8670, 1.5446, -28.8244$.

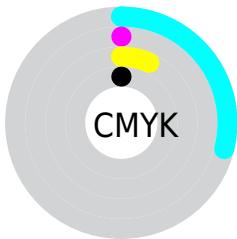
Distribution



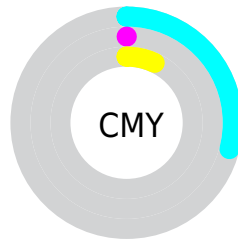
- Red (71%)
- Green (100%)
- Blue (93%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4090, 2.7564, -44.2087 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 230.4090, 2.7564, -44.2087 by changing the saturation by 10% instead.

■ 230.4090, 2.7564,
-44.2087

■ 230.4090, 2.7564,
-44.2087

255.0000, 0.0000,
0.0000

■ 201.8220, 3.0458,
-43.6939

■ 249.6180, 2.6533,
-11.0660

■ 174.1210, 2.8983,
-43.0791

■ 147.1210, 2.8983,
-43.0791

■ 120.3490, 3.7719,
-43.2791

■ 94.1640, 4.3561,
-43.9938

■ 65.9890, 6.4144,
-50.8564

■ 46.8870, 4.4927,

-41.1199

■ 30.8780, 1.5391,
-27.0800

■ 16.6300, -2.2826,
-14.5845

■ 230.4090, 2.7564,
-44.2087

■ 230.4090, 2.7564,
-44.2087

■ 222.2500, 3.8207,
-58.9783

■ 238.8670, 1.5446,
-28.8244

■ 213.6780, 4.5957,
-74.2626

■ 247.1400, 0.9170,
-14.1548

■ 205.5190, 5.6601,
-89.0322

■ 255.0000, 0.0000,
0.0000

■ 196.9470, 6.4351,
-104.3165

■ 188.7880, 7.4995,
-119.0861

■ 180.2160, 8.2745,
-134.3704

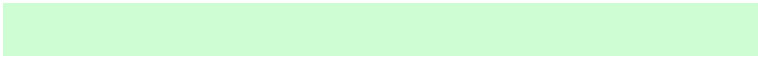
■ 172.0570, 9.3389,
-149.1400

■ 171.3450, 9.1969,
-150.2696

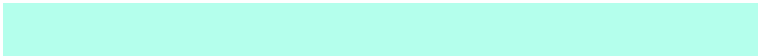
Harmonies

Analogous

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



233.5720, -11.1280, -24.1806



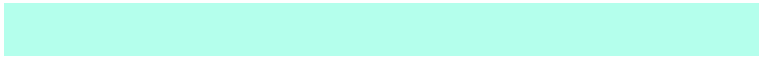
230.4090, 2.7564, -44.2087



228.9870, 12.8244, -53.4856

Triad

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



230.4090, 2.7564, -44.2087



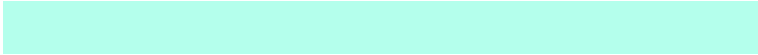
239.0740, 7.8515, 1.6891



233.2400, -17.3733, 19.0835

Complementary

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



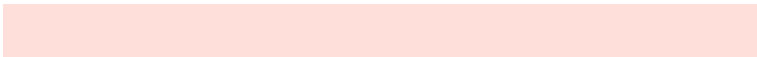
230.4090, 2.7564, -44.2087



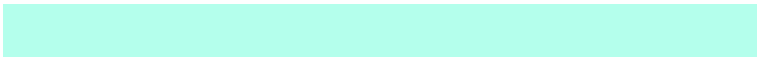
204.5910, -2.7564, 44.2087

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.



231.9980, -6.9010, 20.1728



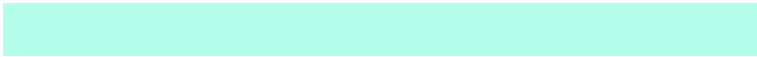
230.4090, 2.7564, -44.2087



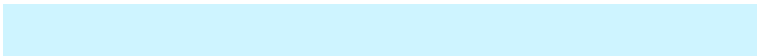
237.9770, 8.3923, 14.9292

Square

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



230.4090, 2.7564, -44.2087



233.8920, 10.4062, -24.4613



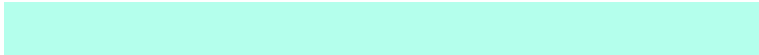
234.3750, 4.7451, 18.0881



236.9100, -23.6196, 15.8649

Rectangle

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



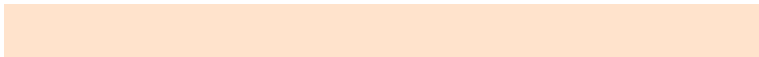
230.4090, 2.7564, -44.2087



228.4220, 13.1030, -49.4821



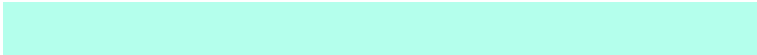
234.3750, 4.7451, 18.0881



232.7500, -14.1737, 19.5133

Sweetspot

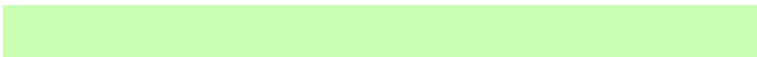
The Sweet Spot groups the original color and five complimentary colors.



230.4090, 2.7564, -44.2087



247.4390, 0.7696, -13.5400



230.0050, -24.6525, -26.3144



123.0590, 0.4639, -8.8217



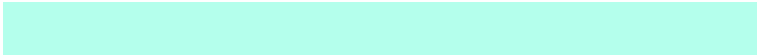
0.0000, 0.0000, 0.0000



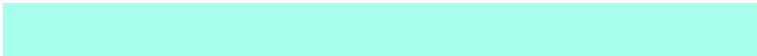
128.0000, 0.0000, 0.0000

Same Dimension

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



230.4090, 2.7564, -44.2087



225.7670, 3.0729, -52.4157



222.5960, 15.9752, -37.3567



123.6570, 0.1691, -7.5922



128.4190, 7.1884, -112.6235



43.0400, 2.4453, -37.7461

Inverse Universe

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



204.5910, -2.7564, 44.2087



195.1190, -3.5097, 52.5156



212.9910, -16.2646, 36.8419



119.2290, -0.6059, 7.6922



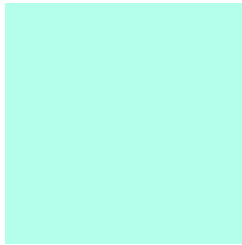
62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 230.4090, 2.7564, -44.2087 looks on a white background.

Color Contrast Check

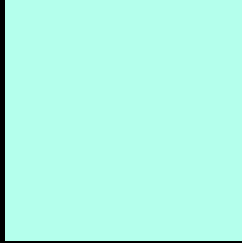
Large Text (above 18pt) WCAG AA × Fail

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 230.4090, 2.7564, -44.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

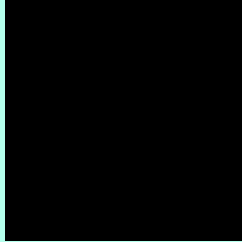
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.4090, 2.7564, -44.2087

Background



This preview shows how black text looks on a background with the YUV color 230.4090, 2.7564, -44.2087.



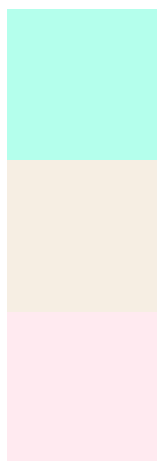
This preview shows how white text looks on a background with the YUV color 230.4090, 2.7564,

-44.2087.

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

230.4090, 2.7564, -44.2087

Protanopia

239.1380, -5.9840, 6.0180

Deuteranopia

240.9630, -0.4748, 12.3104



Tritanopia

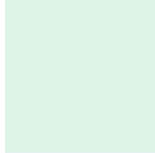
237.4690, 8.6428, -18.8283

Trichromacy



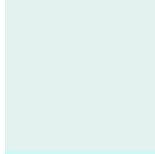
Original Color

230.4090, 2.7564, -44.2087



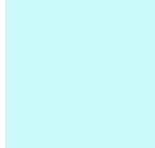
Protanomaly

235.8260, -2.8722, -12.1254



Deuteranomaly

237.4720, 0.7533, -8.3069



Tritanomaly

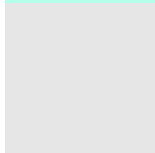
235.1320, 6.3439, -28.1798

Monochromacy



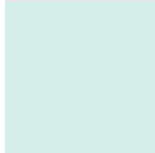
Original Color

230.4090, 2.7564, -44.2087



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.1290, 0.9224, -15.8991

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4090, 2.7564, -44.2087 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(180, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 236)  
}
```

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(180, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 236) }
```

Border

The CSS property to change the border of an element to YUV 230.4090, 2.7564, -44.2087 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(180, 255, 236) }
```


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

```
.border{ border-color:rgb(180, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 255, 236); box-shadow:4px 4px 4px 4px rgb(180, 255, 236) }
```

Background

The CSS property to change the background color of an element to YUV 230.4090, 2.7564, -44.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 236) }
```

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

```
.background{ background-color: rgb(180,  
255, 236) }
```

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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