

Converting Colors

YUV(212.7030, 20.3594,
-43.5895)

Have a look what the booklet for
YUV(212.7030, 20.3594, -43.5895)
contains.

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Color

**YUV(212.7030, 20.3594,
-43.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E6FE
RGB	163, 230, 254
RGB Percent	64%, 90%, 100%
CMY	0.3608, 0.0980, 0.0039
CMYK	0.36, 0.09, 0.00, 0.00
HSL	196°, 98%, 82%
HSV	196°, 36%, 100%
XYZ	61.2905, 71.5359, 104.3434
YIQ	212.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

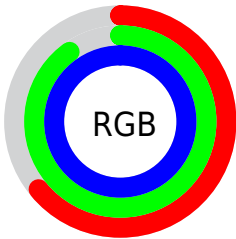
Format	Color
R _Y B	163, 202, 254
Decimal	10741502
CIE Lab	87.74, -15.20, -18.31
CIE LCh	88, 23.800, 230.295
Yxy	71.5359, 0.2584, 0.3016
Android (android.graphics.Color)	4288931582 (0xFFA3E6FE)
YUV	212.7030, 20.3594, -43.5895
Hunter-Lab	84.5789, -18.6623, -13.9397

Details

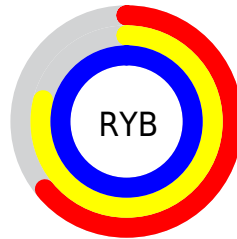
The YUV color **212.7030, 20.3594, -43.5895** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **204.2970, -20.3594, 43.5895**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **156.5890, 19.9226, -43.4896** is the 20% darker color. If you saturate the color by 10%, you get **201.1190, 26.0703, -55.3554**, and if you desaturate by 10%, it is **224.2870, 14.6485, -31.8237**.

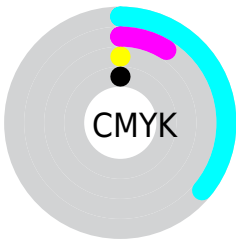
Distribution



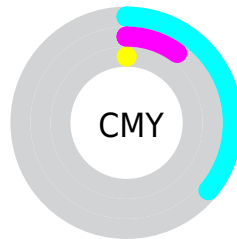
- Red (64%)
- Green (90%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7030, 20.3594, -43.5895 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 212.7030, 20.3594, -43.5895 by changing the saturation by 10% instead.

■ 212.7030, 20.3594,
-43.5895

■ 212.7030, 20.3594,
-43.5895

■ 255.0000, 0.0000,
0.0000

■ 184.5890, 19.9226,
-43.4896

■ 244.5350, 5.1592,
-21.5172

■ 156.5890, 19.9226,
-43.4896

■ 253.5050, 0.7370,
-3.0739

■ 130.1760, 19.6332,
-44.0044

■ 103.1650, 19.6387,
-45.7487

■ 74.5770, 21.4075,
-53.1260

■ 53.4530, 19.4967,
-46.8783

■ 37.2160, 15.6695,

-32.6384

■ 22.9680, 11.8478,
-20.1429

■ 3.6650, 11.5042,
-3.2142

■ 212.7030, 20.3594,
-43.5895

■ 212.7030, 20.3594,
-43.5895

■ 201.1190, 26.0703,
-55.3554

■ 224.2870, 14.6485,
-31.8237

■ 189.8230, 31.6393,
-68.2508

■ 235.5830, 9.0796,
-18.9283

■ 178.2390, 37.3502,
-80.0166

■ 247.1670, 3.3687,
-7.1625

■ 166.3560, 43.2085,
-92.3972

■ 254.8860, -0.4368,
0.1000

■ 155.3590, 48.6300,
-104.6778

■ 143.7750, 54.3409,
-116.4437

■ 138.7250, 56.8306,
-121.6618

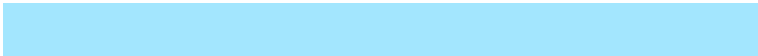
Harmonies

Analogous

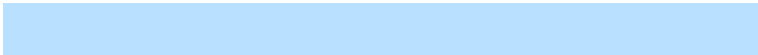
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.1020, 11.7817, -45.6935



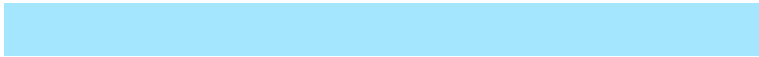
212.7030, 20.3594, -43.5895



215.8730, 19.2896, -27.0756

Triad

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



212.7030, 20.3594, -43.5895



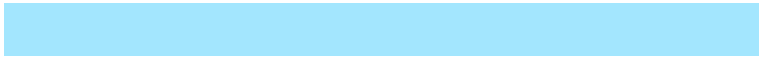
222.5720, 2.6760, 28.4394



217.1580, -19.7979, 3.3694

Complementary

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



212.7030, 20.3594, -43.5895



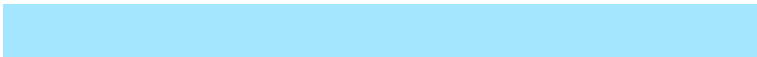
204.2970, -20.3594, 43.5895

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.



219.8120, -21.5993, 21.2129



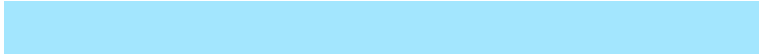
212.7030, 20.3594, -43.5895



219.9500, -7.3703, 30.7389

Square

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



212.7030, 20.3594, -43.5895



223.4270, 12.6075, 16.2885



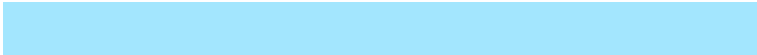
220.1320, -16.8271, 30.5792



214.5020, -11.5865, -17.1033

Rectangle

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



212.7030, 20.3594, -43.5895



218.6190, 17.9358, -12.8209



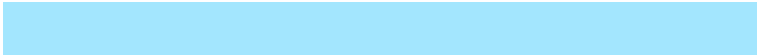
220.1320, -16.8271, 30.5792



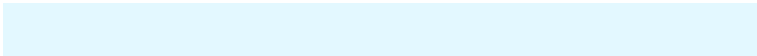
218.1480, -21.2720, 9.5172

Sweetspot

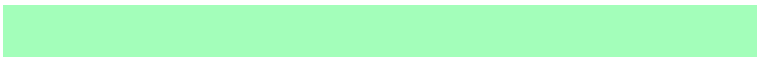
The Sweet Spot groups the original color and five complimentary colors.



212.7030, 20.3594, -43.5895



242.5190, 6.1531, -13.6102



219.0390, -16.2882, -49.1462



119.9820, 3.9529, -7.8772



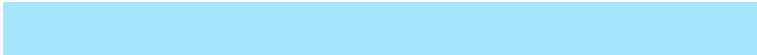
0.0000, 0.0000, 0.0000



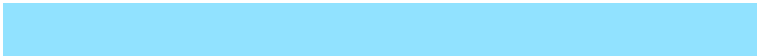
128.0000, 0.0000, 0.0000

Same Dimension

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



212.7030, 20.3594, -43.5895



205.0870, 24.6071, -52.6963



186.8750, 33.0926, -20.9384



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



197.8470, 15.8514, 49.2462



187.1240, 19.1659, 59.5273



230.1250, -33.0926, 20.9384



119.9130, 2.0149, 7.0923



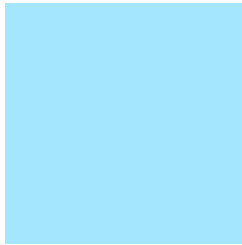
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 212.7030, 20.3594, -43.5895 looks on a white background.

Color Contrast Check

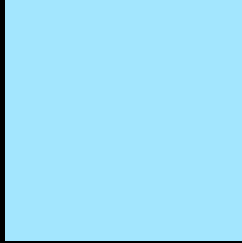
Large Text (above 18pt) WCAG AA × Fail

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 212.7030, 20.3594, -43.5895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

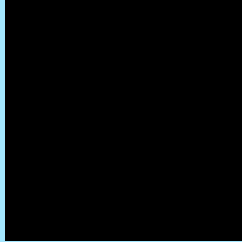
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7030, 20.3594, -43.5895

Background



This preview shows how black text looks on a background with the YUV color 212.7030, 20.3594, -43.5895.



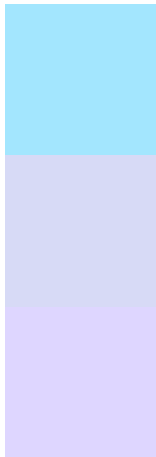
This preview shows how white text looks on a background with the YUV color 212.7030, 20.3594, -43.5895.

-43.5895.

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

212.7030, 20.3594, -43.5895

Protanopia

220.2950, 12.6726, -4.6437

Deuteranopia

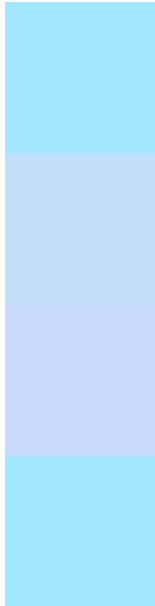
221.0660, 16.7295, 0.8191



Tritanopia

212.4210, 18.0334, -44.2192

Trichromacy



Original Color

212.7030, 20.3594, -43.5895

Protanomaly

217.3040, 15.6261, -18.6836

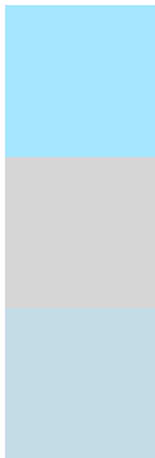
Deuteranomaly

218.3090, 18.0887, -15.1800

Tritanomaly

212.6490, 18.9070, -44.4192

Monochromacy



Original Color

212.7030, 20.3594, -43.5895

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8500, 7.4690, -15.6544

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7030, 20.3594, -43.5895 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(163, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(163, 230, 254)  
}
```

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(163, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 230, 254) }
```

Border

The CSS property to change the border of an element to YUV 212.7030, 20.3594, -43.5895 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(163, 230, 254) }
```


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

```
.border{ border-color:rgb(163, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(163, 230,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 212.7030, 20.3594, -43.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 230, 254) }
```

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

```
.background{ background-color: rgb(163,  
230, 254) }
```

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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