

Converting Colors

YUV(186.2020, 23.5644,
-44.9042)

Have a look what the booklet for
YUV(186.2020, 23.5644, -44.9042)
contains.

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Color

**YUV(186.2020, 23.5644,
-44.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	87CBEA
RGB	135, 203, 234
RGB Percent	53%, 80%, 92%
CMY	0.4706, 0.2039, 0.0824
CMYK	0.42, 0.13, 0.00, 0.08
HSL	199°, 70%, 72%
HSV	199°, 42%, 92%
XYZ	46.1989, 53.8033, 85.7920
YIQ	186.2020, -50.4790, -4.7750

Conversions

Conversions Part 2

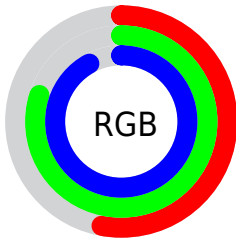
Format	Color
R _{YB}	135, 175, 234
Decimal	8899562
CIE _{Lab}	78.35, -13.54, -22.06
CIE _{LCh}	78, 25.882, 238.458
Yxy	53.8033, 0.2487, 0.2896
Android (android.graphics.Color)	4287089642 (0xFF87CBEA)
YUV	186.2020, 23.5644, -44.9042
Hunter-Lab	73.3507, -15.9381, -18.0009

Details

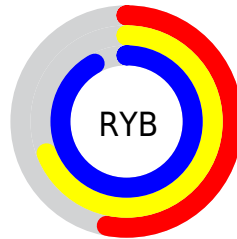
The YUV color **186.2020, 23.5644, -44.9042** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.7980, -23.5644, 44.9042**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **131.3760, 22.9856, -45.9338** is the 20% darker color. If you saturate the color by 10%, you get **175.2160, 28.9805, -55.4404**, and if you desaturate by 10%, it is **197.1880, 18.1483, -34.3679**.

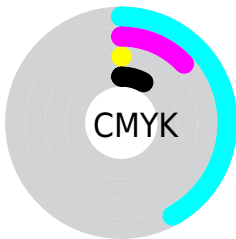
Distribution



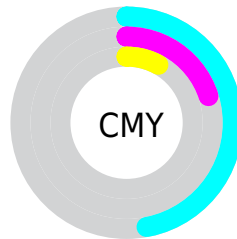
- Red (53%)
- Green (80%)
- Blue (92%)



- Red (53%)
- Yellow (69%)
- Blue (92%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2020, 23.5644, -44.9042 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 186.2020, 23.5644, -44.9042 by changing the saturation by 10% instead.

■ 186.2020, 23.5644,
-44.9042

■ 186.2020, 23.5644,
-44.9042

■ 255.0000, 0.0000,
0.0000

■ 158.7890, 23.2750,
-45.4190

■ 236.1630, 9.2866,
-38.7310

■ 131.3760, 22.9856,
-45.9338

■ 244.8340, 5.0118,
-20.9024

■ 104.0660, 23.1385,
-48.2929

■ 253.8040, 0.5896,
-2.4591

■ 73.2710, 25.5024,
-59.8737

■ 54.8380, 22.2649,
-48.0929

■ 39.1880, 18.1483,
-34.3679

■ 24.2390, 14.1792,

-21.2576

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 186.2020, 23.5644,
-44.9042

■ 186.2020, 23.5644,
-44.9042

■ 175.2160, 28.9805,
-55.4404

■ 197.1880, 18.1483,
-34.3679

■ 163.3440, 34.8334,
-66.0767

■ 209.0600, 12.2954,
-23.7316

■ 152.3580, 40.2495,
-76.6130

■ 220.0460, 6.8793,
-13.1953

■ 141.0730, 45.8130,
-87.7640

■ 231.3310, 1.3158,
-2.0443

■ 129.5000, 51.5185,
-97.7855

■ 242.9040, -4.3897,
7.9772

■ 121.1830, 55.6188,
-106.2775

■ 247.9100, -6.8576,
6.2179

■ 252.0190, -8.8834,
2.6143

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



183.5080, 16.0186, -51.3115



186.2020, 23.5644, -44.9042



191.2630, 24.5203, -24.7867

Triad

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



186.2020, 23.5644, -44.9042



198.0030, -0.9875, 36.8314



189.9400, -19.1974, -2.5784

Complementary

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



186.2020, 23.5644, -44.9042



182.7980, -23.5644, 44.9042

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.



193.0350, -23.1883, 17.5093



186.2020, 23.5644, -44.9042



196.7510, -12.2022, 40.5604

Square

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



186.2020, 23.5644, -44.9042



198.1890, 10.2598, 22.6362



195.2310, -20.3269, 33.1234



187.3270, -9.5282, -23.9658

Rectangle

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



186.2020, 23.5644, -44.9042



194.6780, 21.8507, -8.4876



195.2310, -20.3269, 33.1234



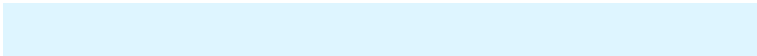
191.1150, -21.2557, 4.2841

Sweetspot

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



186.2020, 23.5644, -44.9042



239.2630, 7.7583, -15.1397



196.5330, -15.5458, -53.9644



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



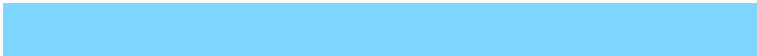
128.0000, 0.0000, 0.0000

Same Dimension

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



186.2020, 23.5644, -44.9042



192.0630, 31.0279, -58.8143



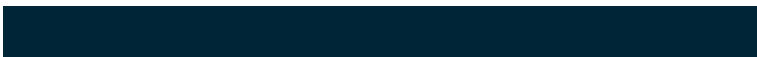
158.0260, 37.4552, -20.1938



111.9500, 2.4897, -5.2181



93.4220, 43.1760, -81.9311



27.8750, 12.8796, -24.4464

Inverse Universe

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



172.3530, 15.1090, 54.0644



174.0160, 19.7121, 71.0230



210.9740, -37.4552, 20.1938



110.2010, 1.8729, 5.9627



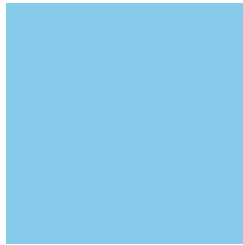
68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 186.2020, 23.5644, -44.9042 looks on a white background.

Color Contrast Check

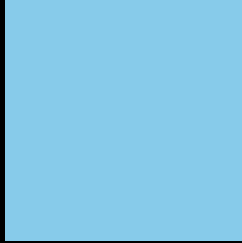
Large Text (above 18pt) WCAG AA × Fail

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 186.2020, 23.5644, -44.9042 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 186.2020, 23.5644, -44.9042 Background



This preview shows how black text looks on a background with the YUV color 186.2020, 23.5644, -44.9042.



This preview shows how white text looks on a background with the YUV color 186.2020, 23.5644, -44.9042.

-44.9042.

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

186.2020, 23.5644, -44.9042

Protanopia

193.4950, 16.0250, -6.5731

Deuteranopia

194.7710, 20.8189, -4.1842



Tritanopia

185.1110, 18.1863, -46.5783

Trichromacy



Original Color

186.2020, 23.5644, -44.9042

Protanomaly

190.5040, 18.9785, -20.6130

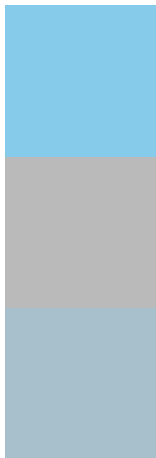
Deuteranomaly

191.6120, 21.8833, -18.9537

Tritanomaly

185.2790, 20.0755, -45.8487

Monochromacy



Original Color

186.2020, 23.5644, -44.9042

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7790, 8.4900, -16.4692

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2020, 23.5644, -44.9042 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(135, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(135, 203, 234)  
}
```

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(135, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 203, 234) }
```

Border

The CSS property to change the border of an element to YUV 186.2020, 23.5644, -44.9042 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(135, 203, 234) }
```


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

```
.border{ border-color:rgb(135, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 203, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 203, 234); box-shadow:4px 4px 4px 4px rgb(135, 203, 234) }
```

Background

The CSS property to change the background color of an element to YUV 186.2020, 23.5644, -44.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 203, 234) }
```

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

```
.background{ background-color: rgb(135,  
203, 234) }
```

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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