

Converting Colors

YUV(186.1460, 18.1690,
-87.8280)

Have a look what the booklet for
YUV(186.1460, 18.1690, -87.8280)
contains.

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Color

**YUV(186.1460, 18.1690,
-87.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	56E6DF
RGB	86, 230, 223
RGB Percent	34%, 90%, 87%
CMY	0.6627, 0.0980, 0.1255
CMYK	0.63, 0.00, 0.03, 0.10
HSL	177°, 74%, 62%
HSV	177°, 63%, 90%
XYZ	45.4538, 63.8998, 79.7503
YIQ	186.1460, -83.5770, -32.7050

Conversions

Conversions Part 2

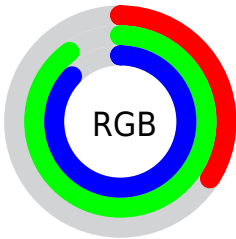
Format	Color
RYB	86, 160, 230
Decimal	5695199
CIELab	83.91, -39.66, -8.02
CIELCh	84, 40.461, 191.430
Yxy	63.8998, 0.2404, 0.3379
Android (android.graphics.Color)	4283885279 (0xFF56E6DF)
YUV	186.1460, 18.1690, -87.8280
Hunter-Lab	79.9373, -38.3919, -3.1951

Details

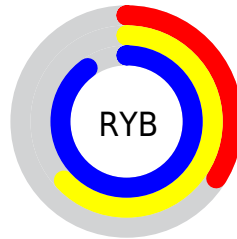
The YUV color **186.1460, 18.1690, -87.8280** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **129.8540, -18.1690, 87.8280**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **121.2900, 23.0280, -106.3713** is the 20% darker color. If you saturate the color by 10%, you get **179.1550, 21.1226, -101.8679**, and if you desaturate by 10%, it is **193.1370, 15.2155, -73.7881**.

Distribution



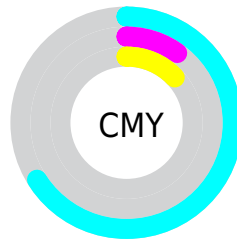
- Red (34%)
- Green (90%)
- Blue (87%)



- Red (34%)
- Yellow (63%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (66%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1460, 18.1690, -87.8280 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 186.1460, 18.1690, -87.8280 by changing the saturation by 10% instead.

186.1460, 18.1690,
-87.8280

186.1460, 18.1690,
-87.8280

255.0000, 0.0000,
0.0000

154.5580, 19.9379,
-95.2054

223.9040, 15.3303,
-63.9368

121.2900, 23.0280,
-106.3713

232.8740, 10.9081,
-45.4935

102.4770, 19.4848,
-89.8723

242.1430, 6.3385,
-26.4354

83.6640, 15.9416,
-73.3733

251.4120, 1.7689,
-7.3773

66.1390, 12.2565,
-58.0039

48.8420, 9.4449,
-42.8344

32.8330, 6.4913,

-28.7945

■ 16.4650, 4.7008,
-14.4398

■ 0.0000, 0.0000,
0.0000

■ 186.1460, 18.1690,
-87.8280

■ 186.1460, 18.1690,
-87.8280

■ 179.1550, 21.1226,
-101.8679

■ 193.1370, 15.2155,
-73.7881

■ 172.1640, 24.0761,
-115.9078

■ 200.1280, 12.2619,
-59.7483

■ 165.1730, 27.0297,
-129.9477

■ 207.1190, 9.3083,
-45.7084

■ 159.9760, 29.0988,
-140.2990

■ 214.1100, 6.3548,
-31.6685

■ 221.2150, 3.8380,
-17.7286

■ 228.2060, 0.8844,
-3.6887

■ 235.1970, -2.0691,
10.3512

■ 237.7030, -2.8116,
15.1695

■ 237.8170, -2.3748,
15.0695

Harmonies

Analogous

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



194.2800, -5.0680, -54.6196



186.1460, 18.1690, -87.8280



183.5480, 35.2258, -98.7046

Triad

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



186.1460, 18.1690, -87.8280



212.6150, 20.8958, 17.8776



208.6760, -35.3363, 40.6261

Complementary

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



186.1460, 18.1690, -87.8280



129.8540, -18.1690, 87.8280

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.



204.3680, -21.3804, 44.4043



186.1460, 18.1690, -87.8280



210.3420, 11.6634, 39.1651

Square

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



186.1460, 18.1690, -87.8280



204.6870, 24.8043, -22.5275



204.2490, -4.0668, 44.5086



205.7990, -35.3969, 13.3313

Rectangle

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



186.1460, 18.1690, -87.8280



189.2730, 32.4034, -80.0464



204.2490, -4.0668, 44.5086



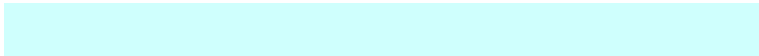
206.4250, -31.2685, 42.6003

Sweetspot

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



186.1460, 18.1690, -87.8280



240.4200, 6.2019, -29.3093



172.6210, -42.7042, -69.8276



118.8020, 3.5486, -18.2434



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.



186.1460, 18.1690, -87.8280



196.8650, 24.2236, -116.5226



148.7890, 40.0370, -55.0660



111.2980, 1.3321, -7.2773



124.4530, 22.4547, -109.1453



35.5230, 6.6442, -31.1537

Inverse Universe

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



129.8540, -18.1690, 87.8280



122.1350, -24.2236, 116.5226



167.2110, -40.0370, 55.0660



106.7020, -1.3321, 7.2773



54.5470, -22.4547, 109.1453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 186.1460, 18.1690, -87.8280 looks on a white background.

Color Contrast Check

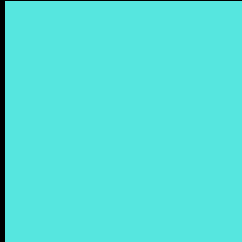
Large Text (above 18pt) WCAG AA × Fail

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 186.1460, 18.1690, -87.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

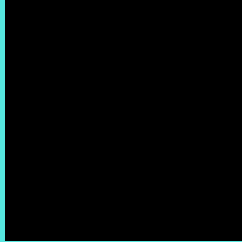
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

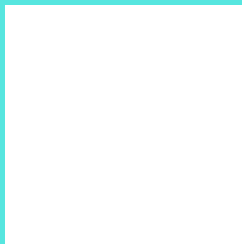
Any Text WCAG AAA ✓ Pass

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

YUV 186.1460, 18.1690, -87.8280 Background



This preview shows how black text looks on a background with the YUV color 186.1460, 18.1690, -87.8280.



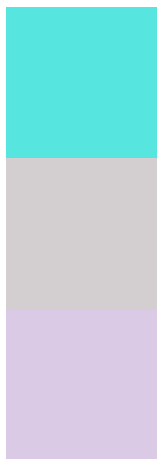
This preview shows how white text looks on a background with the YUV color 186.1460, 18.1690,

-87.8280.

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

186.1460, 18.1690, -87.8280

Protanopia

208.4240, 0.2840, 2.2592

Deuteranopia

209.8620, 9.4350, 7.1370



Tritanopia

189.8830, 27.1727, -82.3354

Trichromacy



Original Color

186.1460, 18.1690, -87.8280



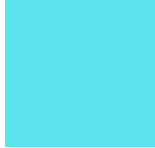
Protanomaly

200.2350, 6.7861, -30.0241



Deuteranomaly

201.1520, 12.7431, -27.3203



Tritanomaly

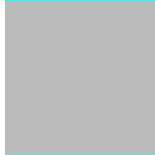
188.3620, 23.9785, -84.5095

Monochromacy



Original Color

186.1460, 18.1690, -87.8280



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.1100, 6.3548, -31.6685

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1460, 18.1690, -87.8280 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(86, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(86, 230, 223)  
}
```

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(86, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 230, 223) }
```

Border

The CSS property to change the border of an element to YUV 186.1460, 18.1690, -87.8280 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(86, 230, 223) }
```


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

```
.border{ border-color:rgb(86, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(86, 230,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 186.1460, 18.1690, -87.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 230, 223) }
```

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

```
.background{ background-color: rgb(86, 230,  
223) }
```

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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