

Converting Colors

YUV(180.4020, 36.7768,
-82.7906)

Have a look what the booklet for
YUV(180.4020, 36.7768, -82.7906)
contains.

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Color

**YUV(180.4020, 36.7768,
-82.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	56D6FF
RGB	86, 214, 255
RGB Percent	34%, 84%, 100%
CMY	0.6627, 0.1608, 0.0000
CMYK	0.66, 0.16, 0.00, 0.00
HSL	195°, 100%, 67%
HSV	195°, 66%, 100%
XYZ	45.9343, 57.2916, 103.2451
YIQ	180.4020, -89.4490, -14.3850

Conversions

Conversions Part 2

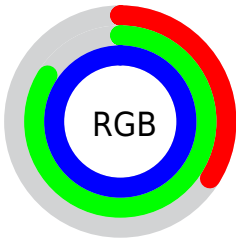
Format	Color
R _Y B	86, 159, 255
Decimal	5691135
CIE Lab	80.34, -22.90, -30.38
CIE LCh	80, 38.040, 232.994
Yxy	57.2916, 0.2225, 0.2775
Android (android.graphics.Color)	4283881215 (0xFF56D6FF)
YUV	180.4020, 36.7768, -82.7906
Hunter-Lab	75.6912, -24.1342, -27.8896

Details

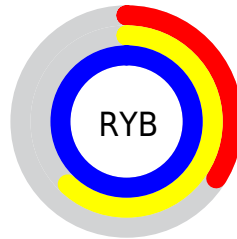
The YUV color **180.4020, 36.7768, -82.7906** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **160.5980, -36.7768, 82.7906**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **115.9050, 40.4728, -101.6487** is the 20% darker color. If you saturate the color by 10%, you get **169.4050, 42.1983, -95.0712**, and if you desaturate by 10%, it is **191.6980, 31.2079, -69.8951**.

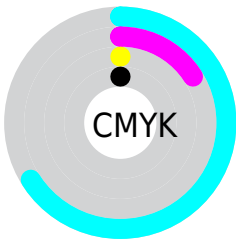
Distribution



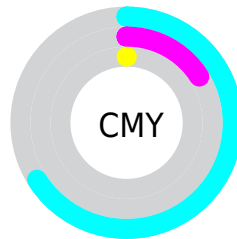
- Red (34%)
- Green (84%)
- Blue (100%)



- Red (34%)
- Yellow (62%)
- Blue (100%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4020, 36.7768, -82.7906 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 180.4020, 36.7768, -82.7906 by changing the saturation by 10% instead.

180.4020, 36.7768,
-82.7906

180.4020, 36.7768,
-82.7906

255.0000, 0.0000,
0.0000

148.1020, 38.4037,
-91.2975

224.2030, 15.1829,
-63.3220

115.9050, 40.4728,
-101.6487

233.4720, 10.6133,
-44.2639

97.5650, 36.2035,
-85.5645

242.7410, 6.0437,
-25.2059

79.2250, 31.9341,
-69.4803

252.0100, 1.4741,
-6.1478

62.1730, 27.5227,
-54.5257

45.8220, 23.2588,
-40.1859

30.2860, 19.5790,

-26.5608

■ 8.8800, 18.7932,
-7.7878

■ 3.5510, 11.0674,
-3.1142

■ 180.4020, 36.7768,
-82.7906

■ 180.4020, 36.7768,
-82.7906

■ 169.4050, 42.1983,
-95.0712

■ 191.6980, 31.2079,
-69.8951

■ 158.1090, 47.7673,
-107.9666

■ 202.6950, 25.7864,
-57.6145

■ 146.5250, 53.4782,
-119.7324

■ 214.5780, 19.9280,
-45.2339

■ 142.3610, 55.5310,
-124.8506

■ 225.5750, 14.5065,
-32.9533

■ 236.8710, 8.9376,
-20.0579

■ 247.8680, 3.5161,
-7.7772

255.0000, 0.0000,
0.0000

Harmonies

Analogous

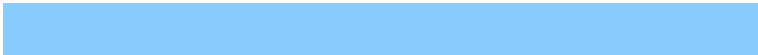
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.4540, 24.4262, -88.0982



180.4020, 36.7768, -82.7906



190.3680, 31.8636, -46.8037

Triad

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



180.4020, 36.7768, -82.7906



201.6220, 3.6374, 46.8125



194.3890, -30.2648, 0.5358

Complementary

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



180.4020, 36.7768, -82.7906



160.5980, -36.7768, 82.7906

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.



197.6530, -33.8459, 29.2453



180.4020, 36.7768, -82.7906



198.1050, -12.3768, 49.8969

Square

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



180.4020, 36.7768, -82.7906



204.3990, 18.5373, 27.7141



199.4950, -27.3590, 48.6779



189.3340, -16.9267, -30.9879

Rectangle

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



180.4020, 36.7768, -82.7906



197.0340, 28.5772, -19.3238



199.4950, -27.3590, 48.6779



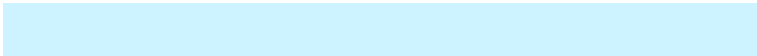
195.4720, -32.7707, 10.9871

Sweetspot

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



180.4020, 36.7768, -82.7906



232.7070, 10.9904, -25.1760



189.6490, -31.8720, -90.9002



114.0350, 6.8847, -14.9397



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.



180.4020, 36.7768, -82.7906



165.2410, 44.2512, -100.1894



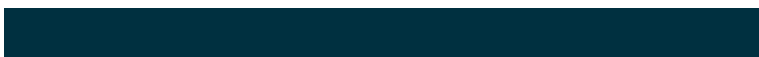
131.6810, 60.7963, -40.0622



121.7650, 3.0739, -5.9329



106.8890, 41.4667, -93.7417



35.4720, 14.0643, -31.1089

Inverse Universe

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



151.1230, 30.9984, 91.1001



129.6660, 37.6327, 109.9179



209.3190, -60.7963, 40.0622



119.9130, 2.0149, 7.0923



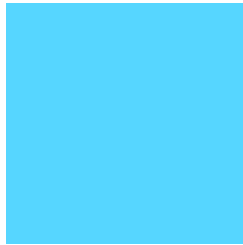
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 180.4020, 36.7768, -82.7906 looks on a white background.

Color Contrast Check

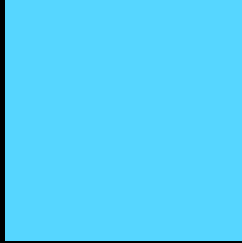
Large Text (above 18pt) WCAG AA × Fail

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 180.4020, 36.7768, -82.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

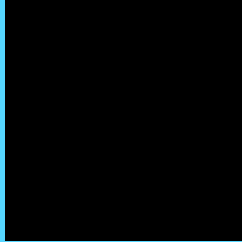
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.4020, 36.7768, -82.7906

Background



This preview shows how black text looks on a background with the YUV color 180.4020, 36.7768, -82.7906.



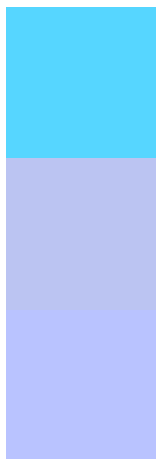
This preview shows how white text looks on a background with the YUV color 180.4020, 36.7768, -82.7906.

-82.7906.

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

180.4020, 36.7768, -82.7906

Protanopia

198.5530, 21.4194, -10.1320

Deuteranopia

198.8500, 27.6820, -12.1464



Tritanopia

176.5940, 28.7942, -89.0979

Trichromacy



Original Color

180.4020, 36.7768, -82.7906

Protanomaly

192.1690, 27.0317, -36.9822

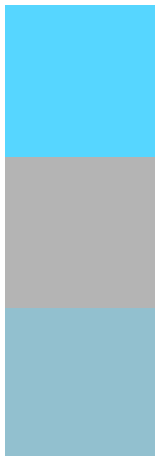
Deuteranomaly

192.1950, 30.9629, -37.8820

Tritanomaly

178.0010, 31.5515, -86.8239

Monochromacy



Original Color

180.4020, 36.7768, -82.7906

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9560, 13.3327, -29.7794

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4020, 36.7768, -82.7906 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 214, 255)  
}
```

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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 255) }
```

Border

The CSS property to change the border of an element to YUV 180.4020, 36.7768, -82.7906 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, 214, 255) }
```


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

```
.border{ border-color:rgb(86, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 180.4020, 36.7768, -82.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 255) }
```

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

```
.background{ background-color: rgb(86, 214,  
255) }
```

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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