

Converting Colors

YUV(173.6020, 33.7202,
-35.6080)

Have a look what the booklet for
YUV(173.6020, 33.7202, -35.6080)
contains.

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Color

**YUV(173.6020, 33.7202,
-35.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	85B5F2
RGB	133, 181, 242
RGB Percent	52%, 71%, 95%
CMY	0.4784, 0.2902, 0.0510
CMYK	0.45, 0.25, 0.00, 0.05
HSL	214°, 81%, 74%
HSV	214°, 45%, 95%
XYZ	42.2238, 44.4451, 90.3577
YIQ	173.6020, -48.1890, 8.7950

Conversions

Conversions Part 2

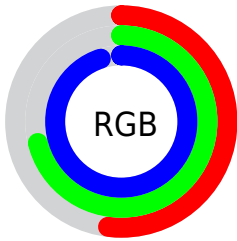
Format	Color
RYB	133, 166, 242
Decimal	8762866
CIELab	72.53, -0.06, -35.32
CIELCh	73, 35.316, 269.902
Yxy	44.4451, 0.2385, 0.2511
Android (android.graphics.Color)	4286952946 (0xFF85B5F2)
YUV	173.6020, 33.7202, -35.6080
Hunter-Lab	66.6672, -3.6143, -33.6921

Details

The YUV color **173.6020, 33.7202, -35.6080** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.3980, -33.7202, 35.6080**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9990, 14.7905, -30.6941**, and **119.0640, 32.9994, -37.7671** is the 20% darker color. If you saturate the color by 10%, you get **158.2080, 41.3095, -43.1554**, and if you desaturate by 10%, it is **188.9960, 26.1310, -28.0605**.

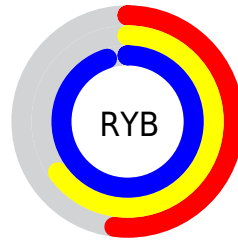
Distribution



Red (52%)

Green (71%)

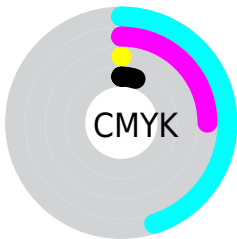
Blue (95%)



Red (52%)

Yellow (65%)

Blue (95%)

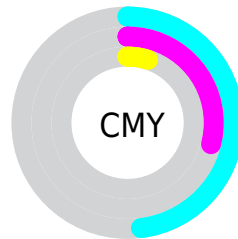


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (48%)

Magenta (29%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6020, 33.7202, -35.6080 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 173.6020, 33.7202, -35.6080 by changing the saturation by 10% instead.

■ 173.6020, 33.7202,
-35.6080

■ 173.6020, 33.7202,
-35.6080

255.0000, 0.0000,
0.0000

■ 146.0750, 32.9940,
-36.0228

■ 224.9990, 14.7905,
-30.6941

■ 119.0640, 32.9994,
-37.7671

■ 244.2360, 5.3067,
-22.1320

■ 91.9280, 32.5735,
-41.1559

■ 253.2060, 0.8844,
-3.6887

■ 62.0080, 34.5061,
-54.3810

■ 45.6570, 30.2421,
-40.0412

■ 30.4800, 25.3994,
-26.7310

■ 14.9440, 21.7196,

-13.1059

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 173.6020, 33.7202,
-35.6080

■ 173.6020, 33.7202,
-35.6080

■ 158.2080, 41.3095,
-43.1554

■ 188.9960, 26.1310,
-28.0605

■ 143.4010, 48.6093,
-51.2177

■ 203.8030, 18.8311,
-19.9982

■ 127.7080, 56.3460,
-59.3799

■ 219.4960, 11.0945,
-11.8360

■ 112.9010, 63.6458,
-67.4422

■ 234.3030, 3.7946,
-3.7737

■ 97.5070, 71.2350,
-74.9896

■ 249.6970, -3.7946,
3.7737

■ 90.3970, 74.7403,
-79.2782

■ 253.5180, -5.6784,
1.2997

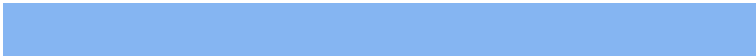
Harmonies

Analogous

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



162.9090, 34.5549, -70.0802



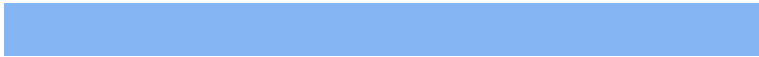
173.6020, 33.7202, -35.6080



180.8840, 26.1862, 0.9787

Triad

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



173.6020, 33.7202, -35.6080



180.0900, -16.3134, 52.5411



167.3920, -11.5323, -34.5468

Complementary

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



173.6020, 33.7202, -35.6080



201.3980, -33.7202, 35.6080

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.



172.6100, -25.4437, -5.7970



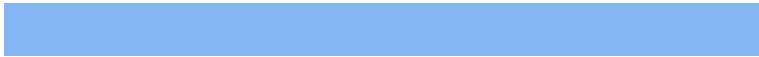
173.6020, 33.7202, -35.6080



178.4510, -27.3373, 41.7005

Square

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



173.6020, 33.7202, -35.6080



181.6780, -1.3203, 50.2714



175.9940, -31.0560, 21.0533



160.9550, 7.9102, -63.9815

Rectangle

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



173.6020, 33.7202, -35.6080



182.3660, 18.5536, 22.4810



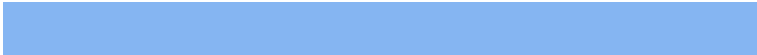
175.9940, -31.0560, 21.0533



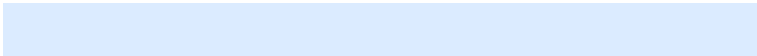
169.0790, -16.8009, -24.6253

Sweetspot

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



173.6020, 33.7202, -35.6080



232.4960, 11.0945, -11.8360



203.8230, -5.3357, -62.1118



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



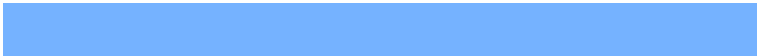
128.0000, 0.0000, 0.0000

Same Dimension

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



173.6020, 33.7202, -35.6080



168.5390, 42.6253, -45.1997



146.9210, 46.8739, -7.8237



112.3030, 3.7946, -3.7737



68.5230, 56.9302, -60.0947



21.0590, 17.2259, -18.4687

Inverse Universe

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



171.0630, 4.8989, 62.2117



165.2160, 6.3025, 78.7406



228.0790, -46.8739, 7.8237



112.1580, 0.4151, 6.8774



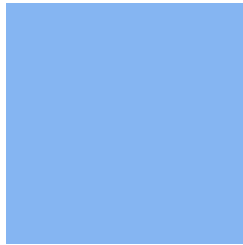
64.2500, 8.2577, 105.0208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 173.6020, 33.7202, -35.6080 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 173.6020, 33.7202, -35.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

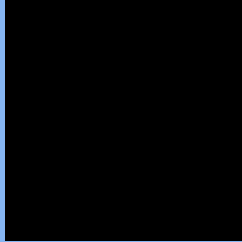
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

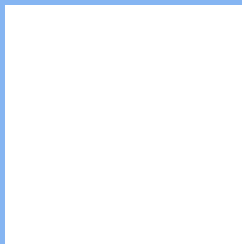
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.6020, 33.7202, -35.6080

Background



This preview shows how black text looks on a background with the YUV color 173.6020, 33.7202, -35.6080.



This preview shows how white text looks on a background with the YUV color 173.6020, 33.7202, -35.6080.

-35.6080.

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

173.6020, 33.7202, -35.6080

Protanopia

177.5830, 29.2926, -15.4203

Deuteranopia

177.3700, 32.3556, -17.8645



Tritanopia

169.9760, 16.2808, -42.0750

Trichromacy



Original Color

173.6020, 33.7202, -35.6080

Protanomaly

175.9950, 31.0615, -22.7976

Deuteranomaly

175.8530, 33.1035, -24.4271

Tritanomaly

171.0070, 22.6745, -39.4711

Monochromacy



Original Color

173.6020, 33.7202, -35.6080

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6020, 33.7202, -35.6080 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(133, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(133, 181, 242)  
}
```

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(133, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 181, 242) }
```

Border

The CSS property to change the border of an element to YUV 173.6020, 33.7202, -35.6080 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(133, 181, 242) }
```


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

```
.border{ border-color:rgb(133, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(133, 181,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 173.6020, 33.7202, -35.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 181, 242) }
```

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

```
.background{ background-color: rgb(133,  
181, 242) }
```

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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