

Converting Colors

YUV(173.8400, 36.0679,
-41.9557)

Have a look what the booklet for
YUV(173.8400, 36.0679, -41.9557)
contains.

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Color

**YUV(173.8400, 36.0679,
-41.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB8F7
RGB	126, 184, 247
RGB Percent	49%, 72%, 97%
CMY	0.5059, 0.2784, 0.0314
CMYK	0.49, 0.26, 0.00, 0.03
HSL	211°, 88%, 73%
HSV	211°, 49%, 97%
XYZ	42.5332, 45.4320, 94.5232
YIQ	173.8400, -54.7910, 7.2970

Conversions

Conversions Part 2

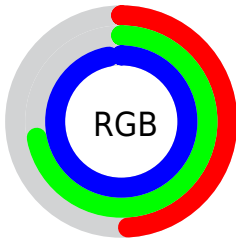
Format	Color
R _Y B	126, 165, 247
Decimal	8304887
CIE Lab	73.18, -1.93, -37.04
CIE LCh	73, 37.090, 267.011
Yxy	45.4320, 0.2331, 0.2490
Android (android.graphics.Color)	4286494967 (0xFF7EB8F7)
YUV	173.8400, 36.0679, -41.9557
Hunter-Lab	67.4033, -5.3177, -35.9633

Details

The YUV color **173.8400, 36.0679, -41.9557** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **199.1600, -36.0679, 41.9557**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9660, 14.8068, -35.9272**, and **118.5900, 35.2051, -45.2444** is the 20% darker color. If you saturate the color by 10%, you get **158.7340, 43.5151, -50.6327**, and if you desaturate by 10%, it is **188.9460, 28.6206, -33.2786**.

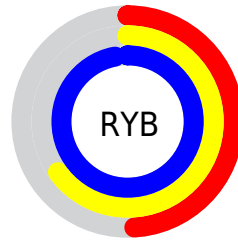
Distribution



Red (49%)

Green (72%)

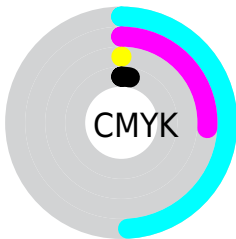
Blue (97%)



Red (49%)

Yellow (65%)

Blue (97%)

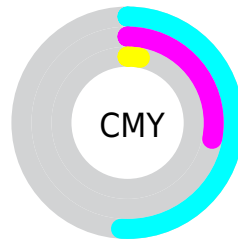


Cyan (49%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (51%)

Magenta (28%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8400, 36.0679, -41.9557 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 173.8400, 36.0679, -41.9557 by changing the saturation by 10% instead.

■ 173.8400, 36.0679,
-41.9557

■ 173.8400, 36.0679,
-41.9557

255.0000, 0.0000,
0.0000

■ 146.0140, 35.4891,
-42.9853

■ 224.9660, 14.8068,
-35.9272

■ 118.5900, 35.2051,
-45.2444

■ 242.4420, 6.1911,
-25.8206

■ 89.7740, 36.1004,
-52.4218

■ 251.4120, 1.7689,
-7.3773

■ 63.7520, 36.1113,
-55.9105

■ 47.2870, 31.4105,
-41.4707

■ 32.1100, 26.5678,
-28.1605

■ 17.1610, 22.5986,

-15.0502

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 173.8400, 36.0679,
-41.9557

■ 173.8400, 36.0679,
-41.9557

■ 158.7340, 43.5151,
-50.6327

■ 188.9460, 28.6206,
-33.2786

■ 143.9270, 50.8150,
-58.6950

■ 203.7530, 21.3208,
-25.2164

■ 128.8210, 58.2622,
-67.3720

■ 218.8590, 13.8735,
-16.5393

■ 114.3020, 65.4201,
-76.5639

■ 233.3780, 6.7156,
-7.3475

■ 99.1960, 72.8674,
-85.2409

■ 248.4840, -0.7316,
1.3295

■ 97.4240, 73.7410,
-85.4408

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



161.4240, 36.7660, -79.3018



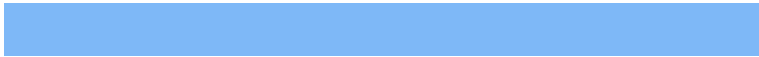
173.8400, 36.0679, -41.9557



181.8450, 28.6704, -2.4951

Triad

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



173.8400, 36.0679, -41.9557



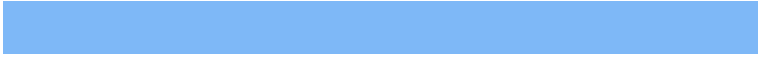
182.3400, -15.4506, 55.8298



169.2350, -13.4269, -33.5321

Complementary

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



173.8400, 36.0679, -41.9557



199.1600, -36.0679, 41.9557

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.



174.3500, -27.7805, -2.9379



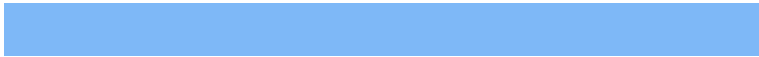
173.8400, 36.0679, -41.9557



180.3590, -27.7850, 45.2892

Square

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



173.8400, 36.0679, -41.9557



183.7320, 0.1321, 51.1010



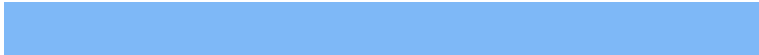
177.5600, -32.8141, 24.9419



162.4880, 6.1684, -65.3260

Rectangle

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



173.8400, 36.0679, -41.9557



184.2240, 20.5956, 20.8516



177.5600, -32.8141, 24.9419



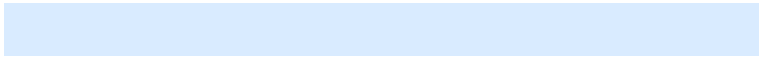
171.1070, -19.2798, -22.8958

Sweetspot

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



173.8400, 36.0679, -41.9557



231.8980, 11.3893, -13.0655



204.2090, -7.4980, -68.5893



114.0790, 6.8631, -7.9623



0.0000, 0.0000, 0.0000



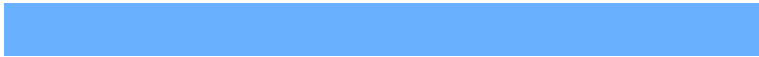
128.0000, 0.0000, 0.0000

Same Dimension

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



173.8400, 36.0679, -41.9557



164.3640, 44.6835, -52.0622



140.3920, 52.5577, -10.8678



114.8900, 3.5052, -4.2885



73.4470, 55.4886, -64.4130



23.1620, 17.6681, -20.3131

Inverse Universe

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



168.7910, 7.4980, 68.5893



158.0580, 9.3384, 85.0181



232.6080, -52.5577, 10.8678



114.2720, 0.8519, 6.7775



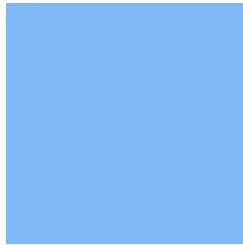
65.7600, 11.4573, 105.4505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 173.8400, 36.0679, -41.9557 looks on a white background.

Color Contrast Check

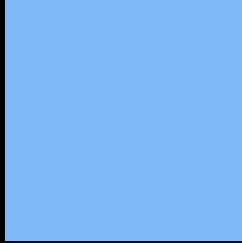
Large Text (above 18pt) WCAG AA × Fail

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 173.8400, 36.0679, -41.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

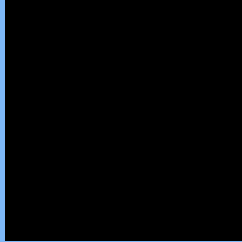
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

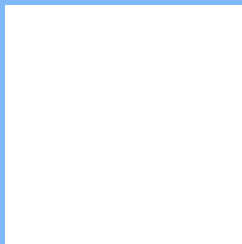
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.8400, 36.0679, -41.9557

Background



This preview shows how black text looks on a background with the YUV color 173.8400, 36.0679, -41.9557.



This preview shows how white text looks on a background with the YUV color 173.8400, 36.0679, -41.9557.

-41.9557.

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

173.8400, 36.0679, -41.9557

Protanopia

179.2130, 30.4610, -16.8498

Deuteranopia

178.9290, 34.5450, -20.1087



Tritanopia

169.5020, 18.4865, -49.5523

Trichromacy



Original Color

173.8400, 36.0679, -41.9557

Protanomaly

177.6140, 32.2353, -25.9715

Deuteranomaly

177.2870, 34.8615, -28.3157

Tritanomaly

170.9460, 25.1696, -46.4336

Monochromacy



Original Color

173.8400, 36.0679, -41.9557

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.3430, 13.1419, -15.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8400, 36.0679, -41.9557 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(126, 184, 247)` looks like.

```
.text, #text, p{  
    color:rgb(126, 184, 247)  
}
```

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(126, 184, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 184, 247) }
```

Border

The CSS property to change the border of an element to YUV 173.8400, 36.0679, -41.9557 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(126, 184, 247) }
```


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

```
.border{ border-color:rgb(126, 184, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 184, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 184, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 184, 247);  
box-shadow:4px 4px 4px 4px rgb(126, 184,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 173.8400, 36.0679, -41.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 184, 247) }
```

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

```
.background{ background-color: rgb(126,  
184, 247) }
```

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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