

Converting Colors

YUV(173.7900, 21.7955,
-37.5268)

Have a look what the booklet for
YUV(173.7900, 21.7955, -37.5268)
contains.

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Color

**YUV(173.7900, 21.7955,
-37.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	83BBDA
RGB	131, 187, 218
RGB Percent	51%, 73%, 85%
CMY	0.4863, 0.2667, 0.1451
CMYK	0.40, 0.14, 0.00, 0.15
HSL	201°, 54%, 68%
HSV	201°, 40%, 85%
XYZ	39.7853, 45.4279, 73.0012
YIQ	173.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

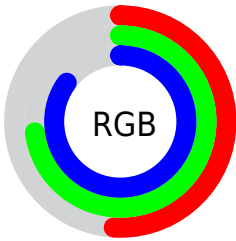
Format	Color
RYB	131, 165, 218
Decimal	8633306
CIELab	73.17, -10.34, -21.30
CIELCh	73, 23.679, 244.101
Yxy	45.4279, 0.2515, 0.2871
Android (android.graphics.Color)	4286823386 (0xFF83BBDA)
YUV	173.7900, 21.7955, -37.5268
Hunter-Lab	67.4002, -12.5847, -17.0369

Details

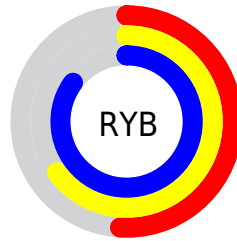
The YUV color $173.7900, 21.7955, -37.5268$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $175.2100, -21.7955, 37.5268$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.6240, 13.4964, -35.6272$, and $119.9640, 21.2167, -38.5564$ is the 20% darker color. If you saturate the color by 10%, you get $162.5160, 27.3536, -46.9335$, and if you desaturate by 10%, it is $185.0640, 16.2374, -28.1201$.

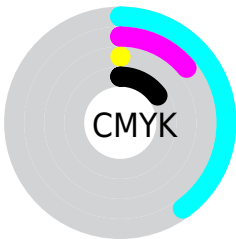
Distribution



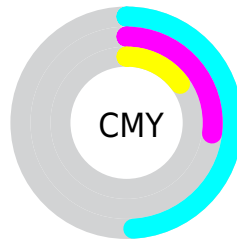
- Red (51%)
- Green (73%)
- Blue (85%)



- Red (51%)
- Yellow (65%)
- Blue (85%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7900, 21.7955, -37.5268 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 173.7900, 21.7955, -37.5268 by changing the saturation by 10% instead.

■ 173.7900, 21.7955,
-37.5268

■ 173.7900, 21.7955,
-37.5268

■ 255.0000, 0.0000,
0.0000

■ 146.6760, 21.3587,
-37.4269

■ 227.6240, 13.4964,
-35.6272

■ 119.9640, 21.2167,
-38.5564

■ 243.3390, 5.7489,
-23.9763

■ 93.9530, 21.2222,
-40.3008

■ 252.0100, 1.4741,
-6.1478

■ 65.5500, 22.4069,
-46.9633

■ 45.7250, 20.3486,
-40.1008

■ 30.0750, 16.2320,
-26.3758

■ 15.8270, 12.4103,

-13.8803

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 173.7900, 21.7955,
-37.5268

■ 173.7900, 21.7955,
-37.5268

■ 162.5160, 27.3536,
-46.9335

■ 185.0640, 16.2374,
-28.1201

■ 151.2420, 32.9117,
-56.3402

■ 196.3380, 10.6794,
-18.7134

■ 140.8540, 38.0330,
-65.6470

■ 206.7260, 5.5581,
-9.4067

■ 129.5800, 43.5911,
-75.0537

■ 218.0000, 0.0000,
0.0000

■ 118.3060, 49.1491,
-84.4604

■ 229.2740, -5.5581,
9.4067

■ 107.0320, 54.7072,
-93.8671

■ 238.4550,
-10.0843, 14.5100

■ 242.5640,
-12.1101, 10.9064

■ 247.2600,
-14.4252, 6.7880

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



170.5410, 16.0023, -46.0785



173.7900, 21.7955, -37.5268



178.9110, 21.7359, -18.3389

Triad

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



173.7900, 21.7955, -37.5268



183.1230, -3.0186, 34.9721



176.0150, -16.2764, -6.1522

Complementary

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



173.7900, 21.7955, -37.5268



175.2100, -21.7955, 37.5268

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.



178.2840, -20.8460, 12.9059



173.7900, 21.7955, -37.5268



181.9030, -12.7702, 36.0421

Square

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



173.7900, 21.7955, -37.5268



183.5050, 7.6390, 23.2361



180.4260, -19.4370, 27.6904



172.8260, -6.3232, -25.2804

Rectangle

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



173.7900, 21.7955, -37.5268



181.5000, 18.4875, -3.0695



180.4260, -19.4370, 27.6904



176.8910, -18.1873, 0.0956

Sweetspot

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



173.7900, 21.7955, -37.5268



239.2740, 7.7529, -13.3953



185.4890, -12.0731, -47.7869



118.5090, 4.6791, -7.4624



0.0000, 0.0000, 0.0000



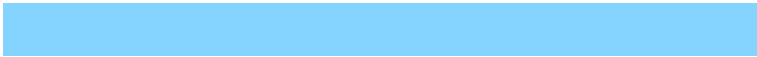
128.0000, 0.0000, 0.0000

Same Dimension

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



173.7900, 21.7955, -37.5268



192.6940, 30.7169, -52.3516



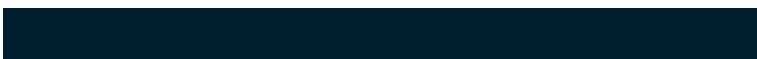
148.5490, 34.2393, -15.3905



104.3630, 2.7790, -4.7034



85.4660, 43.1543, -74.9537



22.8540, 11.4110, -20.0430

Inverse Universe

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



163.3970, 11.6363, 47.8868



178.3700, 16.0866, 67.2045



200.4510, -34.2393, 15.3905



103.0870, 1.4361, 6.0627



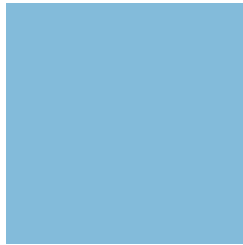
64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 173.7900, 21.7955, -37.5268 looks on a white background.

Color Contrast Check

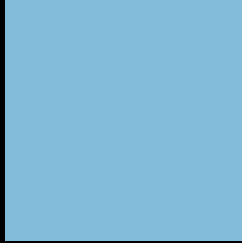
Large Text (above 18pt) WCAG AA × Fail

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 173.7900, 21.7955, -37.5268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

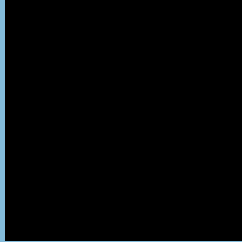
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.7900, 21.7955, -37.5268

Background



This preview shows how black text looks on a background with the YUV color 173.7900, 21.7955, -37.5268.



This preview shows how white text looks on a background with the YUV color 173.7900, 21.7955, -37.5268.

-37.5268.

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

173.7900, 21.7955, -37.5268

Protanopia

179.3810, 15.5882, -6.4731

Deuteranopia

180.2440, 20.0927, -4.5990



Tritanopia

172.2860, 16.1280, -39.7158

Trichromacy



Original Color

173.7900, 21.7955, -37.5268

Protanomaly

177.5860, 17.9521, -18.0539

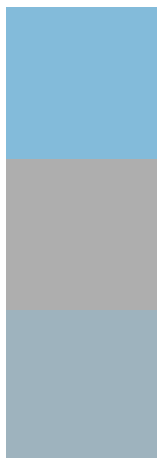
Deuteranomaly

177.6940, 20.8569, -16.3946

Tritanomaly

172.5680, 18.4540, -39.0861

Monochromacy



Original Color

173.7900, 21.7955, -37.5268

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7900, 21.7955, -37.5268 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(131, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(131, 187, 218)  
}
```

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(131, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 187, 218) }
```

Border

The CSS property to change the border of an element to YUV 173.7900, 21.7955, -37.5268 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(131, 187, 218) }
```


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

```
.border{ border-color:rgb(131, 187, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(131, 187,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 173.7900, 21.7955, -37.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 187, 218) }
```

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

```
.background{ background-color: rgb(131,  
187, 218) }
```

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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