

Converting Colors

YUV(172.0890, 21.6481,
-36.9121)

Have a look what the booklet for
YUV(172.0890, 21.6481, -36.9121)
contains.

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Color

**YUV(172.0890, 21.6481,
-36.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	82B9D8
RGB	130, 185, 216
RGB Percent	51%, 73%, 85%
CMY	0.4902, 0.2745, 0.1529
CMYK	0.40, 0.14, 0.00, 0.15
HSL	202°, 52%, 68%
HSV	202°, 40%, 85%
XYZ	38.9496, 44.4016, 71.4833
YIQ	172.0890, -42.7310, -2.0190

Conversions

Conversions Part 2

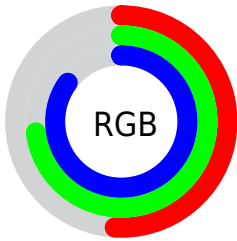
Format	Color
RYB	130, 164, 216
Decimal	8567256
CIELab	72.50, -10.06, -21.25
CIELCh	72, 23.508, 244.654
Yxy	44.4016, 0.2516, 0.2868
Android (android.graphics.Color)	4286757336 (0xFF82B9D8)
YUV	172.0890, 21.6481, -36.9121
Hunter-Lab	66.6345, -12.2727, -16.9601

Details

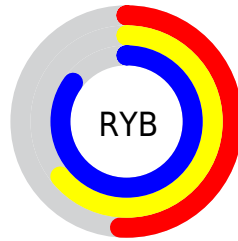
The YUV color **172.0890, 21.6481, -36.9121** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **173.9110, -21.6481, 36.9121**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1510, 14.2226, -35.2124**, and **118.5620, 20.9219, -37.3269** is the 20% darker color. If you saturate the color by 10%, you get **160.8150, 27.2062, -46.3188**, and if you desaturate by 10%, it is **183.3630, 16.0900, -27.5054**.

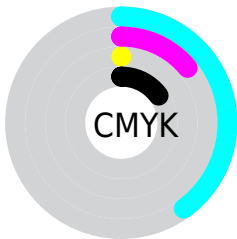
Distribution



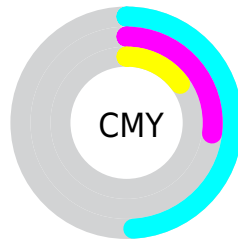
- Red (51%)
- Green (73%)
- Blue (85%)



- Red (51%)
- Yellow (64%)
- 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 172.0890, 21.6481, -36.9121 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 172.0890, 21.6481, -36.9121 by changing the saturation by 10% instead.

■ 172.0890, 21.6481,
-36.9121

■ 172.0890, 21.6481,
-36.9121

■ 255.0000, 0.0000,
0.0000

■ 144.9750, 21.2113,
-36.8121

■ 226.1510, 14.2226,
-35.2124

■ 118.5620, 20.9219,
-37.3269

■ 242.7410, 6.0437,
-25.2059

■ 92.2520, 21.0748,
-39.6860

■ 251.7110, 1.6215,
-6.7625

■ 64.7350, 21.8226,
-46.2486

■ 44.9100, 19.7644,
-39.3861

■ 29.3740, 16.0846,
-25.7610

■ 15.1260, 12.2629,

-13.2655

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 172.0890, 21.6481,
-36.9121

■ 172.0890, 21.6481,
-36.9121

■ 160.8150, 27.2062,
-46.3188

■ 183.3630, 16.0900,
-27.5054

■ 149.8400, 32.6169,
-55.1107

■ 194.3380, 10.6794,
-18.7134

■ 139.1530, 37.8856,
-65.0322

■ 205.0250, 5.4107,
-8.7919

■ 128.1780, 43.2962,
-73.8241

■ 216.0000, 0.0000,
0.0000

■ 116.9040, 48.8543,
-83.2308

■ 227.2740, -5.5581,
9.4067

■ 105.6300, 54.4124,
-92.6375

■ 237.0530,
-10.3791, 15.7395

■ 241.7490,
-12.6943, 11.6211

■ 245.8580,
-14.7200, 8.0175

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



168.8400, 15.8549, -45.4637



172.0890, 21.6481, -36.9121



177.0960, 21.1517, -17.6242

Triad

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



172.0890, 21.6481, -36.9121



181.1230, -3.0186, 34.9721



174.1290, -15.8396, -6.2521

Complementary

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



172.0890, 21.6481, -36.9121



173.9110, -21.6481, 36.9121

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.



176.3980, -20.4092, 12.8060



172.0890, 21.6481, -36.9121



180.4900, -13.0596, 35.5273

Square

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



172.0890, 21.6481, -36.9121



181.8040, 7.4916, 23.8509



178.5400, -19.0002, 27.5904



171.2390, -6.0338, -24.7656

Rectangle

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



172.0890, 21.6481, -36.9121



179.5000, 18.4875, -3.0695



178.5400, -19.0002, 27.5904



175.0050, -17.7505, -0.0044

Sweetspot

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



172.0890, 21.6481, -36.9121



239.2740, 7.7529, -13.3953



183.9020, -11.7837, -47.2721



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.



172.0890, 21.6481, -36.9121



192.6940, 30.7169, -52.3516



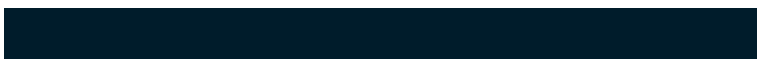
147.4350, 33.8025, -15.2905



101.3630, 2.7790, -4.7034



83.4770, 43.1488, -73.2093



21.3380, 10.6794, -18.7134

Inverse Universe

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



161.9840, 11.3469, 47.3720



178.3700, 16.0866, 67.2045



198.5650, -33.8025, 15.2905



100.0870, 1.4361, 6.0627



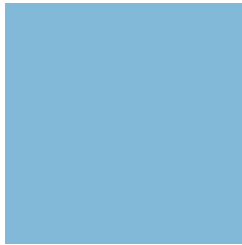
63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 172.0890, 21.6481, -36.9121 looks on a white background.

Color Contrast Check

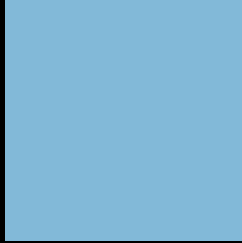
Large Text (above 18pt) WCAG AA × Fail

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 172.0890, 21.6481, -36.9121 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 172.0890, 21.6481, -36.9121 Background



This preview shows how black text looks on a background with the YUV color 172.0890, 21.6481, -36.9121.



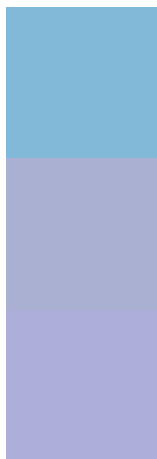
This preview shows how white text looks on a background with the YUV color 172.0890, 21.6481, -36.9121.

-36.9121.

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

172.0890, 21.6481, -36.9121

Protanopia

178.0820, 15.7356, -7.0879

Deuteranopia

178.7170, 19.3665, -5.0138



Tritanopia

170.4710, 15.5438, -39.0011

Trichromacy



Original Color

172.0890, 21.6481, -36.9121

Protanomaly

175.5860, 17.9521, -18.0539

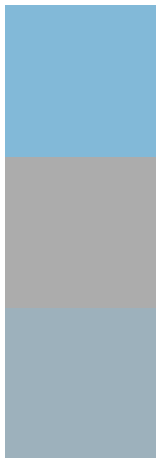
Deuteranomaly

176.1670, 20.1307, -16.8095

Tritanomaly

170.7530, 17.8698, -38.3714

Monochromacy



Original Color

172.0890, 21.6481, -36.9121

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2740, 7.7529, -13.3953

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0890, 21.6481, -36.9121 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(130, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 216)  
}
```

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(130, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 216) }
```

Border

The CSS property to change the border of an element to YUV 172.0890, 21.6481, -36.9121 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(130, 185, 216) }
```


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

```
.border{ border-color:rgb(130, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 172.0890, 21.6481, -36.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 216) }
```

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

```
.background{ background-color: rgb(130,  
185, 216) }
```

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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