

Converting Colors

YUV(171.6890, 31.7053,
-42.7003)

Have a look what the booklet for
YUV(171.6890, 31.7053, -42.7003)
contains.

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Color

**YUV(171.6890, 31.7053,
-42.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB8EC
RGB	123, 184, 236
RGB Percent	48%, 72%, 93%
CMY	0.5176, 0.2784, 0.0745
CMYK	0.48, 0.22, 0.00, 0.07
HSL	208°, 75%, 70%
HSV	208°, 48%, 93%
XYZ	40.4492, 44.5481, 85.8236
YIQ	171.6890, -53.0480, 3.2400

Conversions

Conversions Part 2

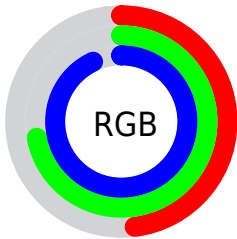
Format	Color
R_{YB}	123, 163, 236
Decimal	8108268
CIE _{Lab}	72.59, -5.78, -32.00
CIE _{LCh}	73, 32.518, 259.769
Yxy	44.5481, 0.2368, 0.2608
Android (android.graphics.Color)	4286298348 (0xFF7BB8EC)
YUV	171.6890, 31.7053, -42.7003
Hunter-Lab	66.7443, -8.6259, -29.5174

Details

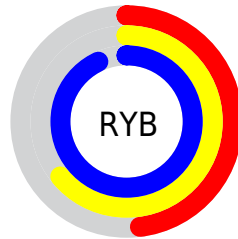
The YUV color **171.6890, 31.7053, -42.7003** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **187.3110, -31.7053, 42.7003**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7700, 15.3964, -38.3863**, and **116.8520, 31.1320, -45.4742** is the 20% darker color. If you saturate the color by 10%, you get **158.0560, 38.4264, -51.7921**, and if you desaturate by 10%, it is **185.3220, 24.9843, -33.6084**.

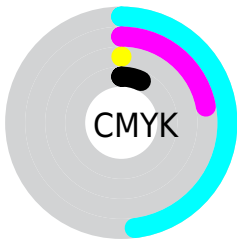
Distribution



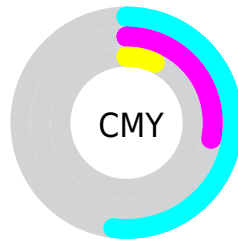
- Red (48%)
- Green (72%)
- Blue (93%)



- Red (48%)
- Yellow (64%)
- Blue (93%)



- Cyan (48%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (28%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6890, 31.7053, -42.7003 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 171.6890, 31.7053, -42.7003 by changing the saturation by 10% instead.

■ 171.6890, 31.7053,
-42.7003

■ 171.6890, 31.7053,
-42.7003

255.0000, 0.0000,
0.0000

■ 143.9770, 31.5633,
-43.8298

■ 223.7700, 15.3964,
-38.3863

■ 116.8520, 31.1320,
-45.4742

■ 241.5450, 6.6333,
-27.6650

■ 88.3350, 31.8798,
-52.0368

■ 250.2160, 2.3585,
-9.8364

■ 62.6120, 31.7433,
-54.9107

■ 46.2610, 27.4793,
-40.5709

■ 31.0840, 22.6366,
-27.2607

■ 16.1350, 18.6674,

-14.1504

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 171.6890, 31.7053,
-42.7003

■ 171.6890, 31.7053,
-42.7003

■ 158.0560, 38.4264,
-51.7921

■ 185.3220, 24.9843,
-33.6084

■ 144.7220, 45.0001,
-60.2692

■ 198.6560, 18.4106,
-25.1313

■ 131.0890, 51.7211,
-69.3611

■ 212.2890, 11.6895,
-16.0395

■ 118.3420, 58.0054,
-78.3529

■ 225.0360, 5.4053,
-7.0476

■ 104.7090, 64.7265,
-87.4448

■ 238.6690, -1.3158,
2.0443

■ 101.4530, 66.3317,
-88.9743

■ 249.3120, -6.5628,
4.9884

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



163.2530, 29.4553, -67.7509



171.6890, 31.7053, -42.7003



179.0460, 27.0923, -9.6873

Triad

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



171.6890, 31.7053, -42.7003



180.8600, -10.7770, 50.1118



170.7310, -15.6434, -22.5661

Complementary

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



171.6890, 31.7053, -42.7003



187.3110, -31.7053, 42.7003

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.



174.1490, -26.2025, 4.2543



171.6890, 31.7053, -42.7003



179.4280, -22.3960, 43.4746

Square

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



171.6890, 31.7053, -42.7003



182.5890, 3.6536, 41.5794



177.4230, -28.3095, 26.8160



165.8060, 0.5886, -48.9419

Rectangle

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



171.6890, 31.7053, -42.7003



181.8700, 20.7701, 11.5150



177.4230, -28.3095, 26.8160



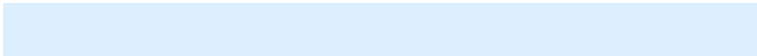
172.0480, -19.7437, -14.0741

Sweetspot

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



171.6890, 31.7053, -42.7003



234.8440, 9.9369, -13.8952



195.1450, -10.4245, -63.2712



115.5520, 6.1369, -8.3771



0.0000, 0.0000, 0.0000



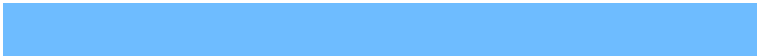
128.0000, 0.0000, 0.0000

Same Dimension

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



171.6890, 31.7053, -42.7003



172.3160, 40.7632, -54.6511



139.4040, 47.6218, -14.3863



110.7760, 3.0684, -4.1886



78.1600, 50.7001, -68.5463



23.1790, 15.1948, -20.3280

Inverse Universe

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



163.7410, 9.9877, 63.3711



162.2470, 12.6962, 81.3444



219.5960, -47.6218, 14.3863



109.9730, 0.9993, 6.1627



65.2910, 16.1255, 101.4768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 171.6890, 31.7053, -42.7003 looks on a white background.

Color Contrast Check

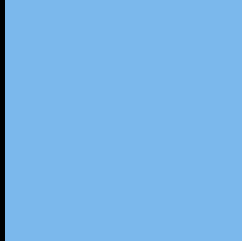
Large Text (above 18pt) WCAG AA × Fail

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 171.6890, 31.7053, -42.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

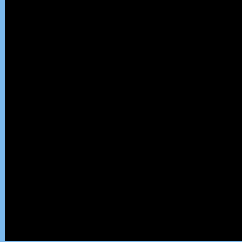
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.6890, 31.7053, -42.7003

Background



This preview shows how black text looks on a background with the YUV color 171.6890, 31.7053, -42.7003.



This preview shows how white text looks on a background with the YUV color 171.6890, 31.7053, -42.7003.

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

171.6890, 31.7053, -42.7003

Protanopia

177.6820, 25.7928, -12.8761

Deuteranopia

177.9960, 29.5820, -14.9055



Tritanopia

168.6870, 17.9023, -48.8375

Trichromacy



Original Color

171.6890, 31.7053, -42.7003

Protanomaly

175.1860, 28.0093, -23.8421

Deuteranomaly

175.4570, 30.3407, -24.9568

Tritanomaly

169.9630, 22.6962, -46.4486

Monochromacy



Original Color

171.6890, 31.7053, -42.7003

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.5880, 11.5421, -15.4247

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6890, 31.7053, -42.7003 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(123, 184, 236)` looks like.

```
.text, #text, p{  
    color:rgb(123, 184, 236)  
}
```

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(123, 184, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 184, 236) }
```

Border

The CSS property to change the border of an element to YUV 171.6890, 31.7053, -42.7003 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(123, 184, 236) }
```


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

```
.border{ border-color:rgb(123, 184, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 184, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 184, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 184, 236);  
box-shadow:4px 4px 4px 4px rgb(123, 184,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 171.6890, 31.7053, -42.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 184, 236) }
```

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

```
.background{ background-color: rgb(123,  
184, 236) }
```

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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