

Converting Colors

YUV(172.1190, 29.5213,
-42.2004)

Have a look what the booklet for
YUV(172.1190, 29.5213, -42.2004)
contains.

YUV(172.1190, 29.5213, -42.2004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.1190, 29.5213,
-42.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB9E8
RGB	124, 185, 232
RGB Percent	49%, 73%, 91%
CMY	0.5137, 0.2745, 0.0902
CMYK	0.47, 0.20, 0.00, 0.09
HSL	206°, 70%, 70%
HSV	206°, 47%, 91%
XYZ	40.2266, 44.8092, 82.8728
YIQ	172.1190, -51.4430, 1.6850

Conversions

Conversions Part 2

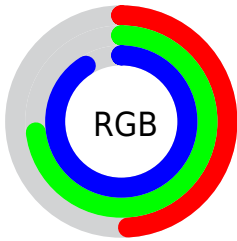
Format	Color
RYB	124, 163, 232
Decimal	8174056
CIELab	72.77, -7.21, -29.56
CIELCh	73, 30.428, 256.290
Yxy	44.8092, 0.2396, 0.2669
Android (android.graphics.Color)	4286364136 (0xFF7CB9E8)
YUV	172.1190, 29.5213, -42.2004
Hunter-Lab	66.9397, -9.8769, -26.5446

Details

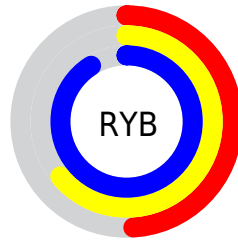
The YUV color **172.1190, 29.5213, -42.2004** is a light color, and the websafe version is hex **99CCFF**, and the color name is **aero**. A complement of this color would be **183.8810, -29.5213, 42.2004**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6560, 14.9596, -38.2863**, and **117.2820, 28.9480, -44.9743** is the 20% darker color. If you saturate the color by 10%, you get **159.3720, 35.8056, -51.1922**, and if you desaturate by 10%, it is **184.8660, 23.2371, -33.2085**.

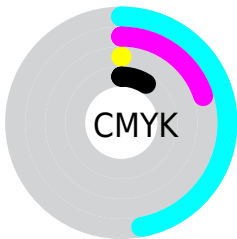
Distribution



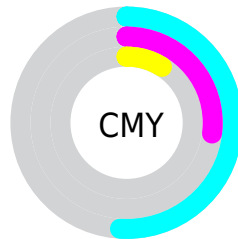
- Red (49%)
- Green (73%)
- Blue (91%)



- Red (49%)
- Yellow (64%)
- Blue (91%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1190, 29.5213, -42.2004 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 172.1190, 29.5213, -42.2004 by changing the saturation by 10% instead.

■ 172.1190, 29.5213,
-42.2004

■ 172.1190, 29.5213,
-42.2004

■ 255.0000, 0.0000,
0.0000

■ 144.7060, 29.2319,
-42.7152

■ 224.6560, 14.9596,
-38.2863

■ 117.2820, 28.9480,
-44.9743

■ 241.5450, 6.6333,
-27.6650

■ 89.6620, 29.2536,
-49.6926

■ 250.5150, 2.2111,
-9.2217

■ 62.7430, 29.7067,
-55.0256

■ 46.3920, 25.4427,
-40.6858

■ 30.7420, 21.3262,
-26.9607

■ 16.3800, 17.0677,

-14.3653

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 172.1190, 29.5213,
-42.2004

■ 172.1190, 29.5213,
-42.2004

■ 159.3720, 35.8056,
-51.1922

■ 184.8660, 23.2371,
-33.2085

■ 146.6250, 42.0899,
-60.1841

■ 197.6130, 16.9528,
-24.2166

■ 133.5790, 48.5216,
-69.7908

■ 210.6590, 10.5211,
-14.6099

■ 120.8320, 54.8058,
-78.7827

■ 223.4060, 4.2368,
-5.6181

■ 108.0850, 61.0901,
-87.7745

■ 236.1530, -2.0474,
3.3738

■ 103.3450, 63.4269,
-90.6336

■ 247.0950, -7.4418,
6.9327

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



165.0750, 26.0920, -62.3328



172.1190, 29.5213, -42.2004



179.0950, 26.0822, -12.3613

Triad

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



172.1190, 29.5213, -42.2004



181.7070, -8.7296, 46.7380



171.9380, -16.2384, -18.3626

Complementary

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



172.1190, 29.5213, -42.2004



183.8810, -29.5213, 42.2004

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.



175.8010, -25.0449, 6.3135



172.1190, 29.5213, -42.2004



180.4000, -19.9172, 41.7452

Square

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



172.1190, 29.5213, -42.2004



182.9090, 4.9749, 37.7908



178.0040, -26.1310, 28.0605



167.5680, -1.7590, -42.5941

Rectangle

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



172.1190, 29.5213, -42.2004



181.4350, 20.4915, 7.5115



178.0040, -26.1310, 28.0605



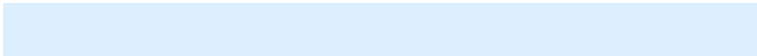
173.3690, -19.9019, -9.9706

Sweetspot

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



172.1190, 29.5213, -42.2004



234.8440, 9.9369, -13.8952



192.7540, -10.7247, -60.2973



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.



172.1190, 29.5213, -42.2004



175.8490, 39.0214, -55.9956



140.4210, 45.1484, -14.4012



108.4770, 3.2158, -4.8033



79.6930, 48.9584, -69.8908



22.8370, 13.8844, -20.0280

Inverse Universe

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



163.2460, 10.7247, 60.2973



163.9910, 14.3014, 79.8149



215.5790, -45.1484, 14.4012



107.3860, 1.2887, 6.6775



65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 172.1190, 29.5213, -42.2004 looks on a white background.

Color Contrast Check

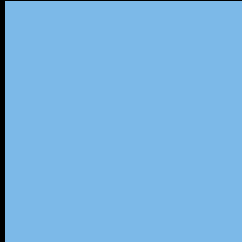
Large Text (above 18pt) WCAG AA × Fail

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 172.1190, 29.5213, -42.2004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

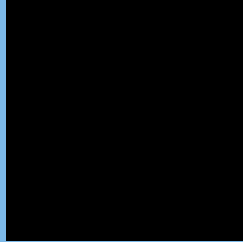
Any Text WCAG AA ✓ Pass

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 172.1190, 29.5213, -42.2004 Background



This preview shows how black text looks on a background with the YUV color 172.1190, 29.5213, -42.2004.



This preview shows how white text looks on a background with the YUV color 172.1190, 29.5213, -42.2004.

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

172.1190, 29.5213, -42.2004

Protanopia

178.2970, 23.0246, -11.6615

Deuteranopia

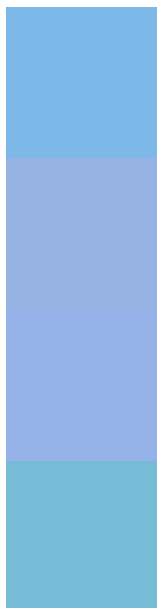
178.4370, 27.3926, -12.6612



Tritanopia

169.5840, 17.4601, -46.9932

Trichromacy



Original Color

172.1190, 29.5213, -42.2004

Protanomaly

175.9150, 25.6779, -22.7275

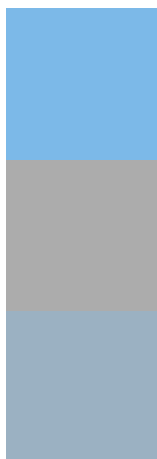
Deuteranomaly

176.1860, 28.0093, -23.8421

Tritanomaly

170.4470, 21.9646, -45.1190

Monochromacy



Original Color

172.1190, 29.5213, -42.2004

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.3600, 10.6685, -15.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1190, 29.5213, -42.2004 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(124, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 232)  
}
```

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(124, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 232) }
```

Border

The CSS property to change the border of an element to YUV 172.1190, 29.5213, -42.2004 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(124, 185, 232) }
```


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

```
.border{ border-color:rgb(124, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 172.1190, 29.5213, -42.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 232) }
```

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

```
.background{ background-color: rgb(124,  
185, 232) }
```

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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