

Converting Colors

YUV(190.1190, 29.5213,
-42.2004)

Have a look what the booklet for
YUV(190.1190, 29.5213, -42.2004)
contains.

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Color

**YUV(190.1190, 29.5213,
-42.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	8ECBFA
RGB	142, 203, 250
RGB Percent	56%, 80%, 98%
CMY	0.4431, 0.2039, 0.0196
CMYK	0.43, 0.19, 0.00, 0.02
HSL	206°, 92%, 77%
HSV	206°, 43%, 98%
XYZ	49.7666, 55.3648, 98.5060
YIQ	190.1190, -51.4430, 1.6850

Conversions

Conversions Part 2

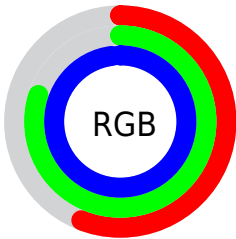
Format	Color
RYB	142, 181, 250
Decimal	9358330
CIELab	79.25, -7.57, -29.21
CIELCh	79, 30.171, 255.477
Yxy	55.3648, 0.2444, 0.2719
Android (android.graphics.Color)	4287548410 (0xFF8ECBFA)
YUV	190.1190, 29.5213, -42.2004
Hunter-Lab	74.4075, -10.8255, -26.4071

Details

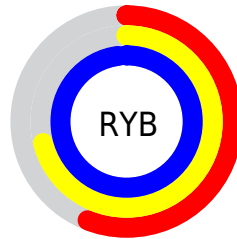
The YUV color **190.1190, 29.5213, -42.2004** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.8810, -29.5213, 42.2004**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **134.8800, 28.6532, -43.7448** is the 20% darker color. If you saturate the color by 10%, you get **176.1870, 36.3898, -51.9070**, and if you desaturate by 10%, it is **204.0510, 22.6529, -32.4937**.

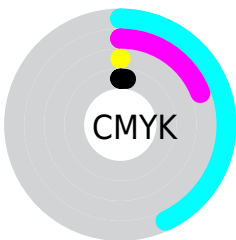
Distribution



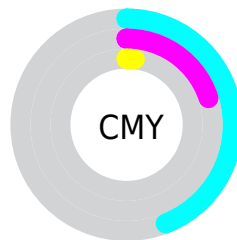
- Red (56%)
- Green (80%)
- Blue (98%)



- Red (56%)
- Yellow (71%)
- Blue (98%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1190, 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 190.1190, 29.5213, -42.2004 by changing the saturation by 10% instead.

■ 190.1190, 29.5213,
-42.2004

■ 190.1190, 29.5213,
-42.2004

255.0000, 0.0000,
0.0000

■ 162.5920, 28.7951,
-42.6152

■ 238.2560, 8.2548,
-34.4275

■ 134.8800, 28.6532,
-43.7448

■ 247.2260, 3.8326,
-15.9842

■ 107.5700, 28.8060,
-46.1039

■ 78.2700, 30.4329,
-54.6108

■ 57.0210, 28.0906,
-50.0074

■ 40.6700, 23.8267,
-35.6676

■ 25.7210, 19.8575,

-22.5573

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 190.1190, 29.5213,
-42.2004

■ 190.1190, 29.5213,
-42.2004

■ 176.1870, 36.3898,
-51.9070

■ 204.0510, 22.6529,
-32.4937

■ 162.2550, 43.2583,
-61.6136

■ 217.9830, 15.7844,
-22.7871

■ 148.3230, 50.1268,
-71.3203

■ 231.9150, 8.9159,
-13.0805

■ 134.3910, 56.9952,
-81.0269

■ 245.8470, 2.0474,
-3.3738

■ 121.0460, 63.5743,
-91.2483

■ 254.4300, -2.1840,
0.4999

■ 111.2670, 68.3954,
-97.5812

Harmonies

Analogous

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



183.5590, 25.3604, -61.0032



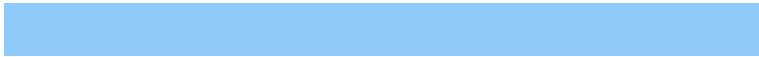
190.1190, 29.5213, -42.2004



196.7960, 26.2296, -12.9761

Triad

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



190.1190, 29.5213, -42.2004



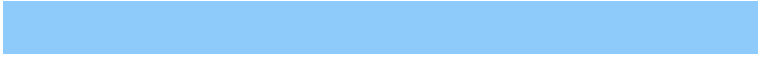
199.8210, -8.2928, 46.6380



190.1230, -16.8226, -17.6479

Complementary

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



190.1190, 29.5213, -42.2004



201.8810, -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.



193.3990, -25.3397, 7.5431



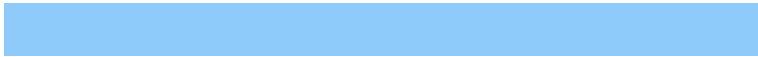
190.1190, 29.5213, -42.2004



198.2970, -20.3594, 43.5895

Square

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



190.1190, 29.5213, -42.2004



200.9090, 4.9749, 37.7908



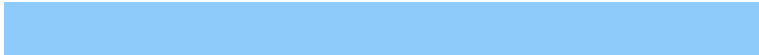
196.1890, -26.7152, 28.7752



185.7530, -2.3432, -41.8794

Rectangle

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



190.1190, 29.5213, -42.2004



199.2500, 21.0758, 6.7968



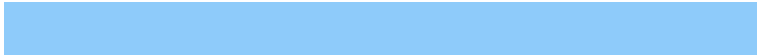
196.1890, -26.7152, 28.7752



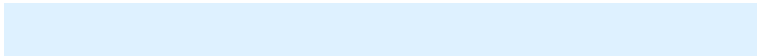
190.9670, -20.1967, -8.7411

Sweetspot

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



190.1190, 29.5213, -42.2004



236.9150, 8.9159, -13.0805



210.7540, -10.7247, -60.2973



116.4380, 5.7001, -8.2771



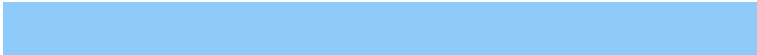
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



190.1190, 29.5213, -42.2004



181.1870, 36.3898, -51.9070



158.4210, 45.1484, -14.4012



118.1780, 3.3632, -5.4181



84.3550, 51.5900, -73.9793



27.4990, 16.5160, -24.1166

Inverse Universe

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



181.2460, 10.7247, 60.2973



170.3170, 13.1547, 74.2670



233.5790, -45.1484, 14.4012



116.7990, 1.5781, 7.1923



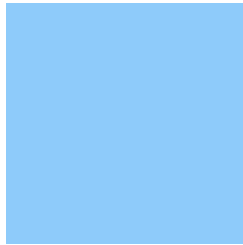
68.7090, 18.8775, 105.4952



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 190.1190, 29.5213, -42.2004 looks on a white background.

Color Contrast Check

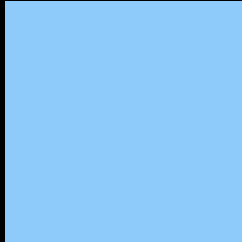
Large Text (above 18pt) WCAG AA × Fail

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 190.1190, 29.5213, -42.2004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

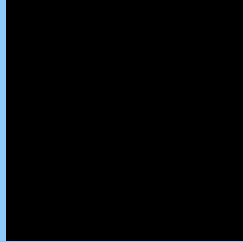
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

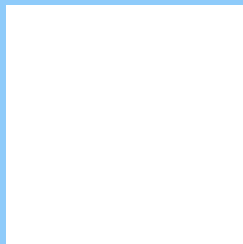
Any Text WCAG AAA ✓ Pass

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

YUV 190.1190, 29.5213, -42.2004 Background



This preview shows how black text looks on a background with the YUV color 190.1190, 29.5213, -42.2004.



This preview shows how white text looks on a background with the YUV color 190.1190, 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

190.1190, 29.5213, -42.2004

Protanopia

196.5960, 22.8772, -11.0467

Deuteranopia

196.4480, 27.3871, -10.9169



Tritanopia

187.9970, 17.7495, -46.4784

Trichromacy



Original Color

190.1190, 29.5213, -42.2004

Protanomaly

194.2140, 25.5305, -22.1127

Deuteranomaly

194.1970, 28.0039, -22.0978

Tritanomaly

188.7460, 21.8172, -44.5042

Monochromacy



Original Color

190.1190, 29.5213, -42.2004

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3600, 10.6685, -15.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1190, 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(142, 203, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 203, 250)  
}
```

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(142, 203, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 203, 250) }
```

Border

The CSS property to change the border of an element to YUV 190.1190, 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(142, 203, 250) }
```


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

```
.border{ border-color:rgb(142, 203, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 203, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 203, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 203, 250);  
box-shadow:4px 4px 4px 4px rgb(142, 203,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 190.1190, 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(142, 203, 250) }
```

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

```
.background{ background-color: rgb(142,  
203, 250) }
```

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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