

Converting Colors

YUV(190.1970, 24.5529,
-35.2528)

Have a look what the booklet for
YUV(190.1970, 24.5529, -35.2528)
contains.

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Color

**YUV(190.1970, 24.5529,
-35.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	96C9F0
RGB	150, 201, 240
RGB Percent	59%, 79%, 94%
CMY	0.4118, 0.2118, 0.0588
CMYK	0.37, 0.16, 0.00, 0.06
HSL	206°, 75%, 76%
HSV	206°, 37%, 94%
XYZ	49.1925, 54.5486, 90.3743
YIQ	190.1970, -42.9150, 1.3170

Conversions

Conversions Part 2

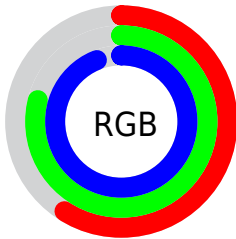
Format	Color
R _Y B	150, 183, 240
Decimal	9882096
CIE Lab	78.78, -7.09, -24.54
CIE LCh	79, 25.547, 253.878
Yxy	54.5486, 0.2534, 0.2810
Android (android.graphics.Color)	4288072176 (0xFF96C9F0)
YUV	190.1970, 24.5529, -35.2528
Hunter-Lab	73.8570, -10.3598, -20.8496

Details

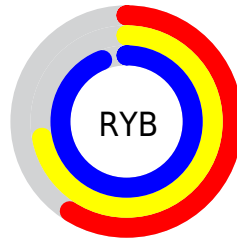
The YUV color $190.1970, 24.5529, -35.2528$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $199.8030, -24.5529, 35.2528$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6480, 7.0755, -29.5093$, and $135.6700, 23.8267, -35.6676$ is the 20% darker color. If you saturate the color by 10%, you get $177.1510, 30.9846, -44.8594$, and if you desaturate by 10%, it is $203.2430, 18.1212, -25.6461$.

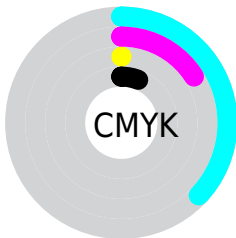
Distribution



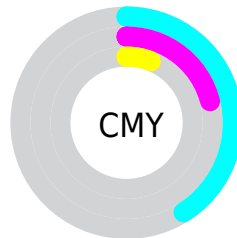
- Red (59%)
- Green (79%)
- Blue (94%)



- Red (59%)
- Yellow (72%)
- Blue (94%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (41%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1970, 24.5529, -35.2528 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 190.1970, 24.5529, -35.2528 by changing the saturation by 10% instead.

■ 190.1970, 24.5529,
-35.2528

■ 190.1970, 24.5529,
-35.2528

255.0000, 0.0000,
0.0000

■ 162.7840, 24.2635,
-35.7676

■ 240.6480, 7.0755,
-29.5093

■ 135.6700, 23.8267,
-35.6676

■ 249.3190, 2.8007,
-11.6808

■ 109.2570, 23.5373,
-36.1824

■ 83.2350, 23.5481,
-39.6711

■ 54.8210, 24.7382,
-48.0780

■ 39.1710, 20.6217,
-34.3530

■ 24.2220, 16.6526,

-21.2427

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 190.1970, 24.5529,
-35.2528

■ 190.1970, 24.5529,
-35.2528

■ 177.1510, 30.9846,
-44.8594

■ 203.2430, 18.1212,
-25.6461

■ 163.5180, 37.7056,
-53.9513

■ 216.8760, 11.4001,
-16.5543

■ 150.4720, 44.1373,
-63.5579

■ 229.9220, 4.9685,
-6.9476

■ 136.8390, 50.8584,
-72.6498

■ 243.5550, -1.7526,
2.1443

■ 123.7930, 57.2901,
-82.2565

■ 252.1160, -5.9732,
2.5293

■ 110.7470, 63.7217,
-91.8631

■ 253.2900, -6.5520,
1.4997

■ 107.1920, 65.4743,
-94.0074

Harmonies

Analogous

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



185.3710, 20.5231, -49.4374



190.1970, 24.5529, -35.2528



195.1830, 22.5878, -11.5615

Triad

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



190.1970, 24.5529, -35.2528



198.5320, -6.6713, 39.8754



190.0140, -14.7969, -14.0443

Complementary

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



190.1970, 24.5529, -35.2528



199.8030, -24.5529, 35.2528

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.



192.7240, -21.5559, 7.2581



190.1970, 24.5529, -35.2528



197.1760, -16.8488, 37.5566

Square

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



190.1970, 24.5529, -35.2528



198.8650, 4.9966, 30.8134



195.0190, -22.1944, 25.4163



186.9820, -2.9491, -34.1872

Rectangle

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



190.1970, 24.5529, -35.2528



197.7290, 17.8816, 4.6227



195.0190, -22.1944, 25.4163



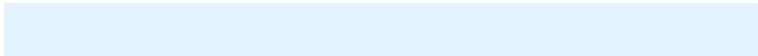
191.2600, -17.8762, -6.3670

Sweetspot

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



190.1970, 24.5529, -35.2528



239.5840, 7.6001, -11.0362



207.2760, -9.0101, -50.2311



118.2210, 4.8210, -6.3328



0.0000, 0.0000, 0.0000



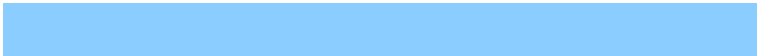
128.0000, 0.0000, 0.0000

Same Dimension

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



190.1970, 24.5529, -35.2528



191.2650, 31.4214, -44.9594



163.7820, 37.5755, -12.0868



113.4770, 3.2158, -4.8033



82.0240, 50.2742, -71.9350



25.1680, 15.2002, -22.0723

Inverse Universe

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



182.7240, 9.0101, 50.2311



181.7950, 11.4401, 64.2008



226.2180, -37.5755, 12.0868



112.3860, 1.2887, 6.6775



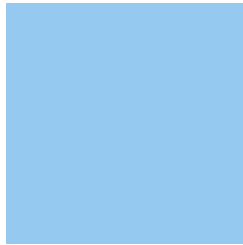
66.8720, 18.3041, 102.7213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 190.1970, 24.5529, -35.2528 looks on a white background.

Color Contrast Check

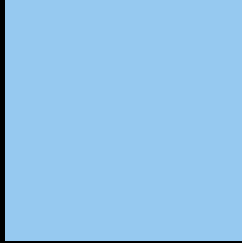
Large Text (above 18pt) WCAG AA × Fail

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 190.1970, 24.5529, -35.2528 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

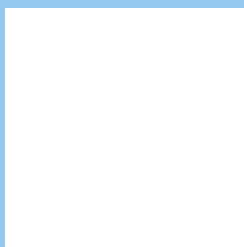
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.1970, 24.5529, -35.2528

Background



This preview shows how black text looks on a background with the YUV color 190.1970, 24.5529, -35.2528.



This preview shows how white text looks on a background with the YUV color 190.1970, 24.5529, -35.2528.

-35.2528.

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

190.1970, 24.5529, -35.2528

Protanopia

195.2820, 19.0880, -9.0173

Deuteranopia

195.6290, 22.8609, -5.8136



Tritanopia

188.2970, 16.1226, -37.9715

Trichromacy



Original Color

190.1970, 24.5529, -35.2528

Protanomaly

193.3840, 21.0097, -18.7538

Deuteranomaly

193.6770, 23.3302, -16.3797

Tritanomaly

189.1060, 19.1747, -36.9270

Monochromacy



Original Color

190.1970, 24.5529, -35.2528

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1970, 24.5529, -35.2528 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(150, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(150, 201, 240)  
}
```

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(150, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 201, 240) }
```

Border

The CSS property to change the border of an element to YUV 190.1970, 24.5529, -35.2528 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(150, 201, 240) }
```


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

```
.border{ border-color:rgb(150, 201, 240) }
```

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

Here you see how a box with a 4 pixel rgb(150, 201, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(150, 201,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 190.1970, 24.5529, -35.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 201, 240) }
```

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

```
.background{ background-color: rgb(150,  
201, 240) }
```

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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