

Converting Colors

YUV(172.1910, 27.0208,
-33.4935)

Have a look what the booklet for
YUV(172.1910, 27.0208, -33.4935)
contains.

YUV(172.1910, 27.0208, -33.4935)	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(172.1910, 27.0208,
-33.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	86B5E3
RGB	134, 181, 227
RGB Percent	53%, 71%, 89%
CMY	0.4745, 0.2902, 0.1098
CMYK	0.41, 0.20, 0.00, 0.11
HSL	210°, 62%, 71%
HSV	210°, 41%, 89%
XYZ	40.2205, 43.6621, 78.9808
YIQ	172.1910, -42.7780, 4.3420

Conversions

Conversions Part 2

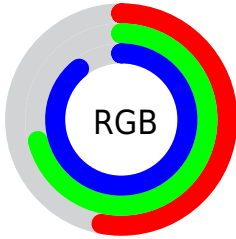
Format	Color
RYB	134, 165, 227
Decimal	8828387
CIELab	72.00, -3.94, -27.97
CIELCh	72, 28.249, 261.987
Yxy	43.6621, 0.2470, 0.2681
Android (android.graphics.Color)	4287018467 (0xFF86B5E3)
YUV	172.1910, 27.0208, -33.4935
Hunter-Lab	66.0773, -6.9844, -24.6140

Details

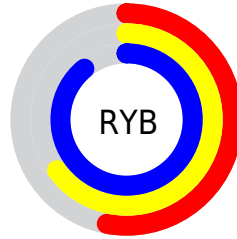
The YUV color **172.1910, 27.0208, -33.4935** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.8090, -27.0208, 33.4935**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9990, 14.7905, -30.6941**, and **118.2510, 26.0053, -34.4231** is the 20% darker color. If you saturate the color by 10%, you get **158.8570, 33.5945, -41.9706**, and if you desaturate by 10%, it is **185.5250, 20.4472, -25.0164**.

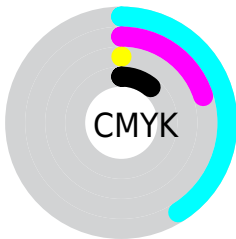
Distribution



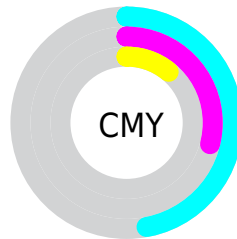
- Red (53%)
- Green (71%)
- Blue (89%)



- Red (53%)
- Yellow (65%)
- Blue (89%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1910, 27.0208, -33.4935 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 172.1910, 27.0208, -33.4935 by changing the saturation by 10% instead.

■ 172.1910, 27.0208,
-33.4935

■ 172.1910, 27.0208,
-33.4935

255.0000, 0.0000,
0.0000

■ 145.0770, 26.5840,
-33.3935

■ 224.9990, 14.7905,
-30.6941

■ 118.2510, 26.0053,
-34.4231

■ 244.2360, 5.3067,
-22.1320

■ 92.2400, 26.0107,
-36.1675

■ 252.9070, 1.0318,
-4.3034

■ 64.4240, 26.9060,
-43.3448

■ 44.1750, 24.5637,
-38.7415

■ 28.5250, 20.4472,
-25.0164

■ 13.6900, 16.9148,

-12.0061

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 172.1910, 27.0208,
-33.4935

■ 172.1910, 27.0208,
-33.4935

■ 158.8570, 33.5945,
-41.9706

■ 185.5250, 20.4472,
-25.0164

■ 145.8220, 40.0208,
-49.8329

■ 198.5600, 14.0209,
-17.1541

■ 131.9010, 46.8838,
-57.7952

■ 212.4810, 7.1579,
-9.1918

■ 118.5670, 53.4575,
-66.2723

■ 225.8150, 0.5842,
-0.7148

■ 105.5320, 59.8837,
-74.1346

■ 239.1490, -5.9895,
7.7623

■ 93.3830, 65.8732,
-81.8969

■ 247.6990,
-10.2046, 6.4030

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



165.4890, 24.9019, -53.9259



172.1910, 27.0208, -33.4935



177.6290, 22.8609, -5.8136

Triad

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



172.1910, 27.0208, -33.4935



179.2290, -10.4659, 43.6492



169.8390, -12.7386, -20.9068

Complementary

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



172.1910, 27.0208, -33.4935



188.8090, -27.0208, 33.4935

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.



173.1640, -22.2659, 1.6102



172.1910, 27.0208, -33.4935



177.9650, -20.1957, 37.7417

Square

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



172.1910, 27.0208, -33.4935



180.3990, 1.7753, 37.3611



175.7260, -24.5149, 23.0423



165.6650, 1.1512, -42.6792

Rectangle

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



172.1910, 27.0208, -33.4935



179.6590, 17.4231, 11.7001



175.7260, -24.5149, 23.0423



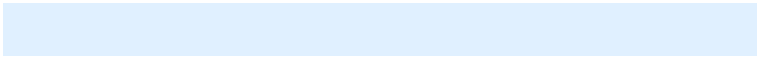
170.9710, -16.2547, -13.1296

Sweetspot

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



172.1910, 27.0208, -33.4935



236.9260, 8.9105, -11.3361



193.7210, -7.2575, -52.3753



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



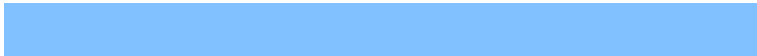
128.0000, 0.0000, 0.0000

Same Dimension

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



172.1910, 27.0208, -33.4935



181.2310, 36.3681, -44.9296



145.7760, 40.0434, -10.3276



107.8900, 3.5052, -4.2885



73.2360, 52.1417, -64.2280



21.0760, 14.7525, -18.4837

Inverse Universe

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



167.1650, 6.8207, 52.4753



174.5570, 9.0924, 70.5485



215.2240, -40.0434, 10.3276



107.2720, 0.8519, 6.7775



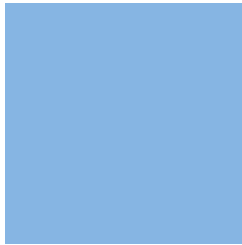
63.7810, 12.9260, 101.0471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 172.1910, 27.0208, -33.4935 looks on a white background.

Color Contrast Check

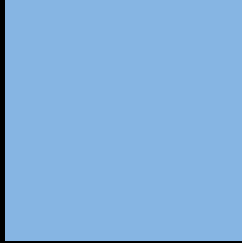
Large Text (above 18pt) WCAG AA × Fail

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 172.1910, 27.0208, -33.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

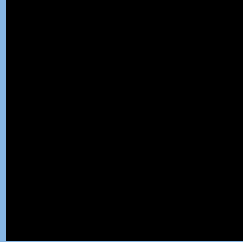
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1910, 27.0208, -33.4935

Background



This preview shows how black text looks on a background with the YUV color 172.1910, 27.0208, -33.4935.



This preview shows how white text looks on a background with the YUV color 172.1910, 27.0208, -33.4935.

-33.4935.

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

172.1910, 27.0208, -33.4935

Protanopia

176.4820, 22.4404, -10.9467

Deuteranopia

176.9920, 25.6399, -10.5170



Tritanopia

170.0690, 15.2490, -37.7715

Trichromacy



Original Color

172.1910, 27.0208, -33.4935

Protanomaly

175.1820, 24.0673, -19.4536

Deuteranomaly

175.3500, 25.9565, -18.7239

Tritanomaly

170.8180, 19.3167, -35.7974

Monochromacy



Original Color

172.1910, 27.0208, -33.4935

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1910, 27.0208, -33.4935 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(134, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(134, 181, 227)  
}
```

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(134, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 181, 227) }
```

Border

The CSS property to change the border of an element to YUV 172.1910, 27.0208, -33.4935 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(134, 181, 227) }
```


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

```
.border{ border-color:rgb(134, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(134, 181,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 172.1910, 27.0208, -33.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 181, 227) }
```

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

```
.background{ background-color: rgb(134,  
181, 227) }
```

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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