

Converting Colors

YUV(177.7950, 24.2581,
-34.0232)

Have a look what the booklet for
YUV(177.7950, 24.2581, -34.0232)
contains.

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Color

**YUV(177.7950, 24.2581,
-34.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBCE3
RGB	139, 188, 227
RGB Percent	55%, 74%, 89%
CMY	0.4549, 0.2627, 0.1098
CMYK	0.39, 0.17, 0.00, 0.11
HSL	207°, 61%, 72%
HSV	207°, 39%, 89%
XYZ	42.4958, 47.0015, 79.5055
YIQ	177.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

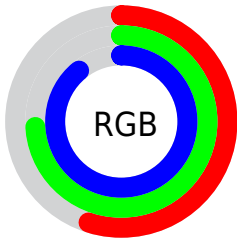
Format	Color
RYB	139, 170, 227
Decimal	9157859
CIELab	74.19, -6.42, -24.60
CIELCh	74, 25.421, 255.367
Yxy	47.0015, 0.2515, 0.2781
Android (android.graphics.Color)	4287347939 (0xFF8BBCE3)
YUV	177.7950, 24.2581, -34.0232
Hunter-Lab	68.5576, -9.3316, -20.7676

Details

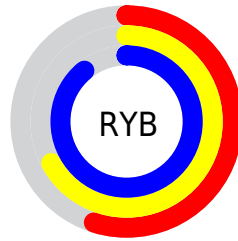
The YUV color **177.7950, 24.2581, -34.0232** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.2050, -24.2581, 34.0232**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6030, 12.0277, -31.2238**, and **124.2680, 23.5319, -34.4380** is the 20% darker color. If you saturate the color by 10%, you get **165.0480, 30.5423, -43.0151**, and if you desaturate by 10%, it is **190.5420, 17.9738, -25.0313**.

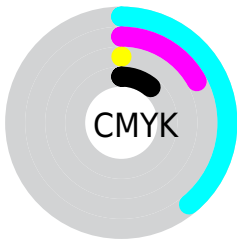
Distribution



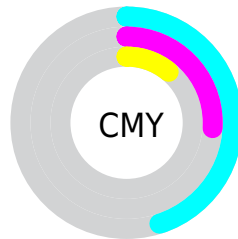
- Red (55%)
- Green (74%)
- Blue (89%)



- Red (55%)
- Yellow (67%)
- Blue (89%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7950, 24.2581, -34.0232 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 177.7950, 24.2581, -34.0232 by changing the saturation by 10% instead.

■ 177.7950, 24.2581,
-34.0232

■ 177.7950, 24.2581,
-34.0232

■ 255.0000, 0.0000,
0.0000

■ 150.6810, 23.8213,
-33.9232

■ 230.6030, 12.0277,
-31.2238

■ 124.2680, 23.5319,
-34.4380

■ 245.7310, 4.5696,
-19.0581

■ 98.1430, 23.1005,
-36.0824

■ 254.4020, 0.2948,
-1.2296

■ 71.2350, 23.5481,
-39.6711

■ 47.1100, 23.1168,
-41.3155

■ 31.4600, 19.0002,
-27.5904

■ 17.2120, 15.1785,

-15.0949

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 177.7950, 24.2581,
-34.0232

■ 177.7950, 24.2581,
-34.0232

■ 165.0480, 30.5423,
-43.0151

■ 190.5420, 17.9738,
-25.0313

■ 152.6000, 36.6792,
-51.3922

■ 202.9900, 11.8369,
-16.6542

■ 139.8530, 42.9635,
-60.3841

■ 215.7370, 5.5527,
-7.6623

■ 127.1060, 49.2477,
-69.3760

■ 228.4840, -0.7316,
1.3295

■ 114.6580, 55.3846,
-77.7531

■ 240.9320, -6.8685,
9.7066

■ 101.9110, 61.6689,
-86.7449

■ 247.6990,
-10.2046, 6.4030

■ 99.8400, 62.6899,
-87.5597

■ 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.



173.0830, 20.6651, -48.3078



177.7950, 24.2581, -34.0232



182.6670, 21.8562, -10.2320

Triad

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



177.7950, 24.2581, -34.0232



185.7060, -7.2501, 38.8458



177.2420, -13.9233, -14.2442

Complementary

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



177.7950, 24.2581, -34.0232



188.2050, -24.2581, 34.0232

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.



180.1260, -21.2611, 6.0285



177.7950, 24.2581, -34.0232



184.4640, -16.9908, 36.4271

Square

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



177.7950, 24.2581, -34.0232



186.6370, 4.1230, 31.0134



182.4210, -21.8996, 24.1868



174.2100, -2.0755, -34.3872

Rectangle

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



177.7950, 24.2581, -34.0232



185.2130, 17.1500, 5.9522



182.4210, -21.8996, 24.1868



178.1890, -16.8552, -7.1818

Sweetspot

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



177.7950, 24.2581, -34.0232



237.5130, 8.6211, -11.8509



194.9880, -8.8681, -49.1015



117.9220, 4.9685, -6.9476



0.0000, 0.0000, 0.0000



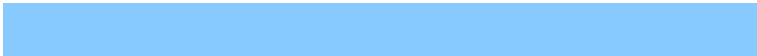
128.0000, 0.0000, 0.0000

Same Dimension

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



177.7950, 24.2581, -34.0232



188.0090, 33.0266, -46.4889



152.5540, 36.7019, -11.8869



108.4770, 3.2158, -4.8033



78.5190, 49.5371, -68.8612



22.2500, 14.1738, -19.5132

Inverse Universe

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



170.8980, 8.4313, 49.2015



178.5180, 11.5766, 67.0747



213.4460, -36.7019, 11.8869



107.3860, 1.2887, 6.6775



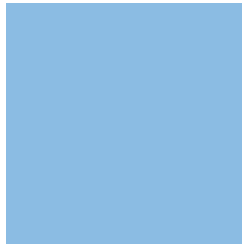
64.8070, 16.8571, 100.1473



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 177.7950, 24.2581, -34.0232 looks on a white background.

Color Contrast Check

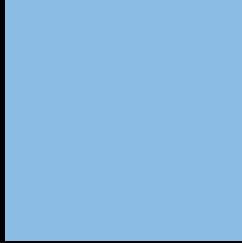
Large Text (above 18pt) WCAG AA × Fail

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 177.7950, 24.2581, -34.0232 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 177.7950, 24.2581, -34.0232

Background



This preview shows how black text looks on a background with the YUV color 177.7950, 24.2581, -34.0232.



This preview shows how white text looks on a background with the YUV color 177.7950, 24.2581, -34.0232.

-34.0232.

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

177.7950, 24.2581, -34.0232

Protanopia

182.5810, 18.9406, -8.4025

Deuteranopia

182.9170, 22.7189, -6.9432



Tritanopia

175.7810, 15.3910, -36.6419

Trichromacy



Original Color

177.7950, 24.2581, -34.0232

Protanomaly

180.9820, 20.7149, -17.5242

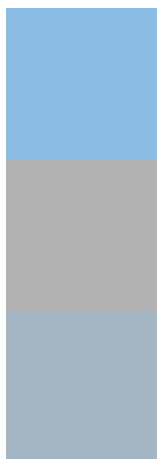
Deuteranomaly

181.2640, 23.0408, -16.8945

Tritanomaly

176.5900, 18.4431, -35.5974

Monochromacy



Original Color

177.7950, 24.2581, -34.0232

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2140, 8.7685, -12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7950, 24.2581, -34.0232 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(139, 188, 227)` looks like.

```
.text, #text, p{  
    color:rgb(139, 188, 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(139, 188, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 188, 227) }
```

Border

The CSS property to change the border of an element to YUV 177.7950, 24.2581, -34.0232 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(139, 188, 227) }
```


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

```
.border{ border-color:rgb(139, 188, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 188, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 188, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 188, 227);  
box-shadow:4px 4px 4px 4px rgb(139, 188,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 177.7950, 24.2581, -34.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 188, 227) }
```

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

```
.background{ background-color: rgb(139,  
188, 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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