

Converting Colors

YUV(189.8410, 17.8264,
-24.4166)

Have a look what the booklet for
YUV(189.8410, 17.8264, -24.4166)
contains.

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Color

**YUV(189.8410, 17.8264,
-24.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C5E2
RGB	162, 197, 226
RGB Percent	64%, 77%, 89%
CMY	0.3647, 0.2275, 0.1137
CMYK	0.28, 0.13, 0.00, 0.11
HSL	207°, 52%, 76%
HSV	207°, 28%, 89%
XYZ	48.5940, 53.1049, 79.6406
YIQ	189.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

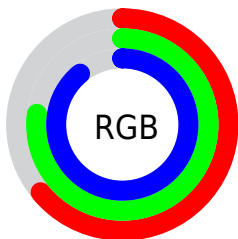
Format	Color
R_{YB}	162, 185, 226
Decimal	10667490
CIE Lab	77.94, -5.09, -18.24
CIE LCh	78, 18.937, 254.401
Yxy	53.1049, 0.2680, 0.2928
Android (android.graphics.Color)	4288857570 (0xFFA2C5E2)
YUV	189.8410, 17.8264, -24.4166
Hunter-Lab	72.8731, -8.4986, -13.7849

Details

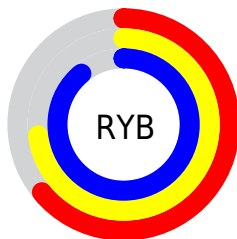
The YUV color **189.8410, 17.8264, -24.4166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **198.1590, -17.8264, 24.4166**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3500, 5.7435, -22.2319**, and **136.0260, 17.2422, -23.7018** is the 20% darker color. If you saturate the color by 10%, you get **177.0940, 24.1107, -33.4084**, and if you desaturate by 10%, it is **202.5880, 11.5421, -15.4247**.

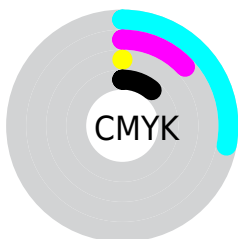
Distribution



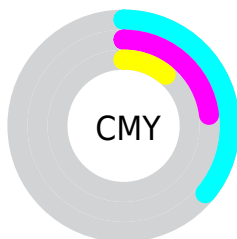
- Red (64%)
- Green (77%)
- Blue (89%)



- Red (64%)
- Yellow (73%)
- Blue (89%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8410, 17.8264, -24.4166 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 189.8410, 17.8264, -24.4166 by changing the saturation by 10% instead.

■ 189.8410, 17.8264,
-24.4166

■ 189.8410, 17.8264,
-24.4166

255.0000, 0.0000,
0.0000

■ 162.7270, 17.3896,
-24.3166

■ 243.3500, 5.7435,
-22.2319

■ 136.0260, 17.2422,
-23.7018

■ 252.6080, 1.1793,
-4.9182

■ 110.4990, 16.5160,
-24.1166

■ 85.3850, 16.0792,
-24.0166

■ 61.3740, 16.0846,
-25.7610

■ 35.8680, 16.8271,
-30.5792

■ 21.2070, 12.7159,

-18.5985

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 189.8410, 17.8264,
-24.4166

■ 189.8410, 17.8264,
-24.4166

■ 177.0940, 24.1107,
-33.4084

■ 202.5880, 11.5421,
-15.4247

■ 164.6460, 30.2475,
-41.7855

■ 215.0360, 5.4053,
-7.0476

■ 151.3120, 36.8212,
-50.2626

■ 228.3700, -1.1684,
1.4295

■ 138.8640, 42.9580,
-58.6397

■ 240.8180, -7.3053,
9.8066

■ 126.1170, 49.2423,
-67.6316

■ 247.5850,
-10.6414, 6.5030

■ 113.3700, 55.5266,
-76.6235

■ 251.6940,
-12.6671, 2.8994

■ 100.3350, 61.9528,
-84.4858

■ 98.5520, 62.8319,
-86.4301

Harmonies

Analogous

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



186.9770, 14.8013, -34.1828



189.8410, 17.8264, -24.4166



192.8970, 16.3198, -7.8027

Triad

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



189.8410, 17.8264, -24.4166



196.1070, -5.4758, 29.7242



188.7740, -10.7346, -10.3258

Complementary

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



189.8410, 17.8264, -24.4166



198.1590, -17.8264, 24.4166

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.



191.2060, -15.8776, 5.9583



189.8410, 17.8264, -24.4166



194.5600, -12.6011, 28.4499

Square

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



189.8410, 17.8264, -24.4166



195.7670, 3.5659, 23.0063



192.7670, -16.6471, 19.4983



186.9770, -1.9607, -24.5358

Rectangle

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



189.8410, 17.8264, -24.4166



194.5780, 13.5190, 3.8781



192.7670, -16.6471, 19.4983



189.8240, -13.2242, -5.1076

Sweetspot

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



189.8410, 17.8264, -24.4166



243.7370, 5.5527, -7.6623



202.8740, -5.8539, -35.8465



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



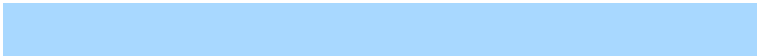
128.0000, 0.0000, 0.0000

Same Dimension

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



189.8410, 17.8264, -24.4166



206.0940, 24.1107, -33.4084



171.0570, 27.0869, -7.9430



105.7760, 3.0684, -4.1886



76.4160, 49.0949, -67.0168



20.7340, 13.4421, -18.1837

Inverse Universe

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



185.1260, 5.8539, 35.8465



199.4850, 8.1419, 48.6867



216.9430, -27.0869, 7.9430



104.9730, 0.9993, 6.1627



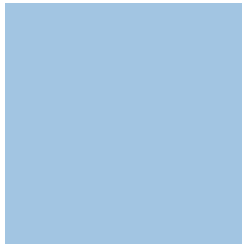
63.5680, 15.9890, 98.6029



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 189.8410, 17.8264, -24.4166 looks on a white background.

Color Contrast Check

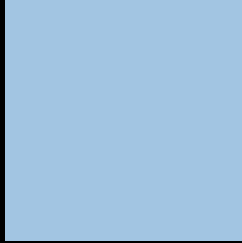
Large Text (above 18pt) WCAG AA × Fail

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 189.8410, 17.8264, -24.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

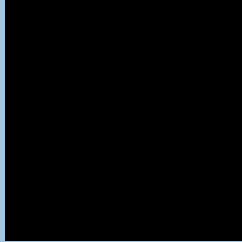
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8410, 17.8264, -24.4166

Background



This preview shows how black text looks on a background with the YUV color 189.8410, 17.8264, -24.4166.



This preview shows how white text looks on a background with the YUV color 189.8410, 17.8264, -24.4166.

-24.4166.

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

189.8410, 17.8264, -24.4166

Protanopia

193.3380, 14.1304, -5.5584

Deuteranopia

194.0550, 16.7349, -0.9252



Tritanopia

189.1630, 12.7376, -25.5760

Trichromacy



Original Color

189.8410, 17.8264, -24.4166

Protanomaly

191.9350, 15.3150, -12.2210

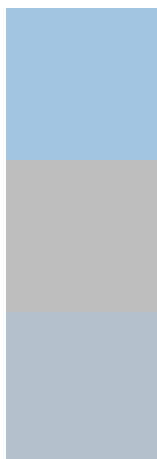
Deuteranomaly

192.4130, 17.0514, -9.1322

Tritanomaly

189.3310, 14.6268, -24.8463

Monochromacy



Original Color

189.8410, 17.8264, -24.4166

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8410, 17.8264, -24.4166 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(162, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(162, 197, 226)  
}
```

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(162, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 197, 226) }
```

Border

The CSS property to change the border of an element to YUV 189.8410, 17.8264, -24.4166 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(162, 197, 226) }
```


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

```
.border{ border-color:rgb(162, 197, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 197, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 197, 226);  
box-shadow:4px 4px 4px 4px rgb(162, 197,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 189.8410, 17.8264, -24.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 197, 226) }
```

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

```
.background{ background-color: rgb(162,  
197, 226) }
```

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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