

Converting Colors

YUV(177.7770, -5.3131,
-22.6064)

Have a look what the booklet for
YUV(177.7770, -5.3131, -22.6064)
contains.

YUV(177.7770, -5.3131, -22.6064)	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(177.7770, -5.3131,
-22.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	98C1A7
RGB	152, 193, 167
RGB Percent	60%, 76%, 65%
CMY	0.4039, 0.2431, 0.3451
CMYK	0.21, 0.00, 0.13, 0.24
HSL	142°, 25%, 68%
HSV	142°, 21%, 76%
XYZ	38.9939, 47.6053, 43.6928
YIQ	177.7770, -16.0900, -16.7780

Conversions

Conversions Part 2

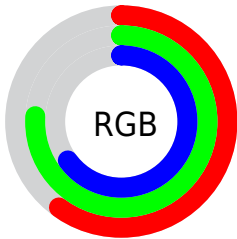
Format	Color
RYB	152, 182, 193
Decimal	10011047
CIELab	74.58, -18.88, 8.65
CIELCh	75, 20.770, 155.401
Yxy	47.6053, 0.2993, 0.3654
Android (android.graphics.Color)	4288201127 (0xFF98C1A7)
YUV	177.7770, -5.3131, -22.6064
Hunter-Lab	68.9966, -19.8636, 10.7517

Details

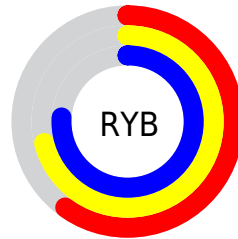
The YUV color $177.7770, -5.3131, -22.6064$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $167.2230, 5.3131, 22.6064$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.9510, -5.8918, -23.6360$, and $124.6030, -4.7343, -21.5768$ is the 20% darker color. If you saturate the color by 10%, you get $170.7280, -7.7539, -33.0875$, and if you desaturate by 10%, it is $184.8260, -2.8722, -12.1254$.

Distribution



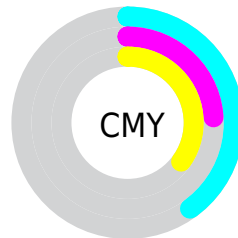
- Red (60%)
- Green (76%)
- Blue (65%)



- Red (60%)
- Yellow (71%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7770, -5.3131, -22.6064 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 177.7770, -5.3131, -22.6064 by changing the saturation by 10% instead.

■ 177.7770, -5.3131,
-22.6064

■ 177.7770, -5.3131,
-22.6064

255.0000, 0.0000,
0.0000

■ 151.1900, -5.0237,
-22.0916

■ 233.9510, -5.8918,
-23.6360

■ 124.6030, -4.7343,
-21.5768

■ 248.5640, 1.2009,
-11.8956

■ 100.0160, -4.4449,
-21.0620

■ 75.4290, -4.1555,
-20.5472

■ 51.9560, -3.4293,
-20.1324

■ 29.4720, -2.6977,
-21.4619

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 177.7770, -5.3131,
-22.6064

■ 177.7770, -5.3131,
-22.6064

■ 170.7280, -7.7539,
-33.0875

■ 184.8260, -2.8722,
-12.1254

■ 163.3800,
-10.0473, -44.1833

■ 192.1740, -0.5788,
-1.0296

■ 156.2170,
-12.9250, -54.5643

■ 199.3370, 2.2989,
9.3515

■ 149.1680,
-15.3658, -65.0453

■ 206.3860, 4.7397,
19.8325

■ 141.8200,
-17.6593, -76.1411

■ 213.7340, 7.0331,
30.9283

■ 134.7710,
-20.1001, -86.6222

■ 216.8960, 11.3903,
33.4172

■ 127.6080,
-22.9777, -97.0032

■ 218.3780, 17.0686,
32.1175

■ 121.3850,
-24.8398, -106.4546

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



179.9980, -13.8030, -6.1372



177.7770, -5.3131, -22.6064



176.3330, 4.7658, -35.3720

Triad

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



177.7770, -5.3131, -22.6064



182.8360, 18.8149, -14.7652



185.8100, -11.7383, 31.7386

Complementary

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



177.7770, -5.3131, -22.6064



167.2230, 5.3131, 22.6064

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.



186.8020, -2.8604, 30.8686



177.7770, -5.3131, -22.6064



185.5180, 14.5346, 4.8077

Square

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



177.7770, -5.3131, -22.6064



179.1390, 19.1585, -31.6939



186.8530, 6.4815, 21.1769



184.2730, -17.3896, 24.3166

Rectangle

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



177.7770, -5.3131, -22.6064



175.7330, 11.4706, -39.2308



186.8530, 6.4815, 21.1769



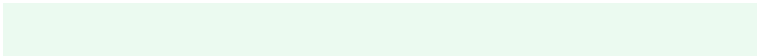
186.2060, -8.9756, 32.2683

Sweetspot

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



177.7770, -5.3131, -22.6064



244.3750, -2.1569, -8.2219



184.1400, -15.8450, -4.5078



121.6250, -1.2941, -4.9331



252.0000, 0.0000, 0.0000



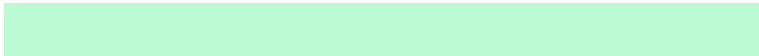
125.0000, 0.0000, 0.0000

Same Dimension

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



177.7770, -5.3131, -22.6064



226.6030, -8.1853, -34.7318



180.0570, 3.4229, -24.6060



93.3260, -1.1467, -5.5479



101.2330, -20.8209, -88.7813



20.7390, -4.3083, -18.1881

Inverse Universe

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



167.2230, 5.3131, 22.6064



210.3970, 8.1853, 34.7318



164.9430, -3.4229, 24.6060



90.6740, 1.1467, 5.5479



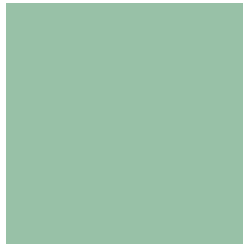
59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 177.7770, -5.3131, -22.6064 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 177.7770, -5.3131, -22.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

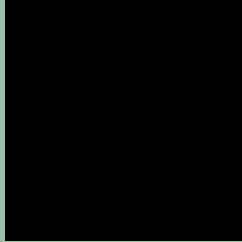
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

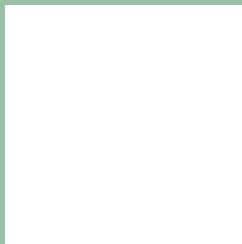
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.7770, -5.3131, -22.6064

Background



This preview shows how black text looks on a background with the YUV color 177.7770, -5.3131, -22.6064.



This preview shows how white text looks on a background with the YUV color 177.7770, -5.3131, -22.6064.

-22.6064.

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

177.7770, -5.3131, -22.6064

Protanopia

182.2970, -10.4994, 7.6325

Deuteranopia

184.5740, -7.1850, 17.9136



Tritanopia

181.0390, 10.8268, -19.3282

Trichromacy



Original Color

177.7770, -5.3131, -22.6064

Protanomaly

180.6870, -8.7197, -3.2335

Deuteranomaly

182.3010, -6.5574, 3.2440

Tritanomaly

179.8340, 5.0118, -20.9024

Monochromacy



Original Color

177.7770, -5.3131, -22.6064

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7770, -5.3131, -22.6064 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(152, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 193, 167)  
}
```

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(152, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 193, 167) }
```

Border

The CSS property to change the border of an element to YUV 177.7770, -5.3131, -22.6064 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(152, 193, 167) }
```


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

```
.border{ border-color:rgb(152, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 193,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 177.7770, -5.3131, -22.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 193, 167) }
```

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

```
.background{ background-color: rgb(152,  
193, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor