

Converting Colors

YUV(193.0760, -22.2225,
-12.3447)

Have a look what the booklet for
YUV(193.0760, -22.2225, -12.3447)
contains.

YUV(193.0760, -22.2225, -12.3447)	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(193.0760, -22.2225,
-12.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D194
RGB	179, 209, 148
RGB Percent	70%, 82%, 58%
CMY	0.2980, 0.1804, 0.4196
CMYK	0.14, 0.00, 0.29, 0.18
HSL	90°, 40%, 70%
HSV	90°, 29%, 82%
XYZ	46.7362, 57.3228, 36.6181
YIQ	193.0760, 1.7010, -25.3310

Conversions

Conversions Part 2

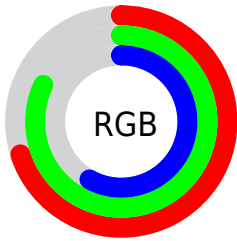
Format	Color
RYB	148, 209, 178
Decimal	11784596
CIELab	80.36, -20.70, 27.06
CIELCh	80, 34.067, 127.421
Yxy	57.3228, 0.3322, 0.4075
Android (android.graphics.Color)	4289974676 (0xFFB3D194)
YUV	193.0760, -22.2225, -12.3447
Hunter-Lab	75.7118, -22.3093, 24.3226

Details

The YUV color **193.0760, -22.2225, -12.3447** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **163.9240, 22.2225, 12.3447**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9780, -20.2022, -6.9967**, and **139.1300, -20.7701, -11.5150** is the 20% darker color. If you saturate the color by 10%, you get **187.6920, -29.9212, -16.3929**, and if you desaturate by 10%, it is **198.4600, -14.5238, -8.2964**.

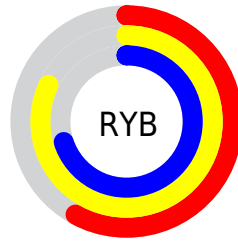
Distribution



Red (70%)

Green (82%)

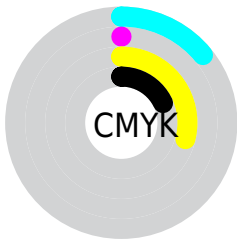
Blue (58%)



Red (58%)

Yellow (82%)

Blue (70%)

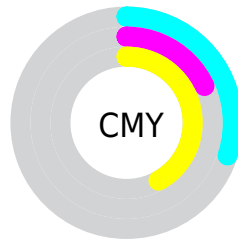


Cyan (14%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (30%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0760, -22.2225, -12.3447 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 193.0760, -22.2225, -12.3447 by changing the saturation by 10% instead.

■ 193.0760,
-22.2225, -12.3447

■ 193.0760,
-22.2225, -12.3447

255.0000, 0.0000,
0.0000

■ 165.6030,
-21.4963, -11.9298

■ 242.9780,
-20.2022, -6.9967

■ 139.1300,
-20.7701, -11.5150

■ 252.2640,
-10.4832, 2.3995

■ 113.2440,
-20.3333, -11.6150

■ 88.4720, -19.4597,
-11.8149

■ 64.7000, -18.5861,
-12.0149

■ 41.4720, -19.4597,
-11.8149

■ 20.8550, -10.2815,

-15.6588

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 193.0760,
-22.2225, -12.3447

■ 193.0760,
-22.2225, -12.3447

■ 187.6920,
-29.9212, -16.3929

■ 198.4600,
-14.5238, -8.2964

■ 182.0090,
-37.4724, -21.0559

■ 204.1430, -6.9725,
-3.6334

■ 176.6250,
-45.1711, -25.1041

■ 209.5270, 0.7262,
0.4148

■ 171.2410,
-52.8698, -29.1524

■ 214.9110, 8.4249,
4.4631

■ 165.9710,
-60.1317, -33.3006

■ 220.2950, 16.1236,
8.5113

■ 160.2880,
-67.6830, -37.9636

■ 223.8120, 15.3757,
15.0739

■ 154.9040,
-75.3817, -42.0118

■ 226.8020, 13.9016,
21.2216

■ 154.3770,
-76.1079, -42.4266

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



196.8900, -30.0188, 15.0055



193.0760, -22.2225, -12.3447



188.4990, -7.1480, -40.7796

Triad

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



193.0760, -22.2225, -12.3447



188.5300, 32.7697, -57.4698



201.4450, -4.6564, 46.9677

Complementary

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



193.0760, -22.2225, -12.3447



163.9240, 22.2225, 12.3447

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.



204.4620, 9.6322, 37.3058



193.0760, -22.2225, -12.3447



197.0010, 28.5935, -24.5569

Square

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



193.0760, -22.2225, -12.3447



182.2260, 27.0036, -74.7432



202.8420, 23.2489, 9.7856



200.3730, -18.9179, 47.9079

Rectangle

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



193.0760, -22.2225, -12.3447



184.8910, 4.9837, -58.6634



202.8420, 23.2489, 9.7856



202.6990, 0.1484, 45.8680

Sweetspot

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



193.0760, -22.2225, -12.3447



249.0890, -8.4249, -4.4631



183.2620, -17.3842, 22.5722



124.1970, -5.5201, -2.8038



0.0000, 0.0000, 0.0000



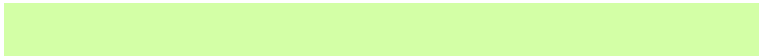
128.0000, 0.0000, 0.0000

Same Dimension

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



193.0760, -22.2225, -12.3447



231.6980, -32.3891, -18.1521



184.1060, -17.8003, -30.7880



101.9520, -3.9203, -2.5889



124.3300, -61.2947, -33.6154



30.3460, -14.9606, -8.1964

Inverse Universe

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



163.9240, 22.2225, 12.3447



189.3020, 32.3891, 18.1521



172.8940, 17.8003, 30.7880



96.7490, 4.0677, 1.9741



43.9690, 61.1473, 34.2302



10.6540, 14.9606, 8.1964

Previews

White Background



This preview shows how the YUV color 193.0760, -22.2225, -12.3447 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 193.0760, -22.2225, -12.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

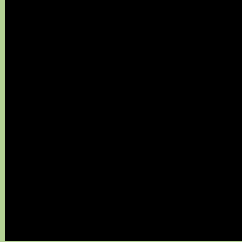
Any Text WCAG AA ✓ Pass

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 193.0760, -22.2225, -12.3447 Background



This preview shows how black text looks on a background with the YUV color 193.0760, -22.2225, -12.3447.



This preview shows how white text looks on a background with the YUV color 193.0760, -22.2225, -12.3447.

-12.3447.

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**

193.0760, -22.2225, -12.3447

Protanopia

197.2150, -26.2350, 14.7204

Deuteranopia

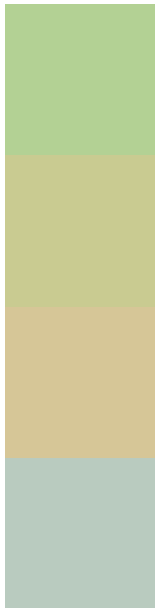
199.4110, -23.3736, 30.3346



Tritanopia

198.5350, 8.6102, -8.3622

Trichromacy



Original Color

193.0760, -22.2225, -12.3447

Protanomaly

195.7900, -25.0395, 4.5692

Deuteranomaly

197.4260, -22.8880, 14.5354

Tritanomaly

196.2500, -2.5882, -9.8663

Monochromacy



Original Color

193.0760, -22.2225, -12.3447

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2030, -7.9881, -4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0760, -22.2225, -12.3447 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(179, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 148)  
}
```

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(179, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 148) }
```

Border

The CSS property to change the border of an element to YUV 193.0760, -22.2225, -12.3447 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(179, 209, 148) }
```


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

```
.border{ border-color:rgb(179, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 209,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 193.0760, -22.2225, -12.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 148) }
```

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

```
.background{ background-color: rgb(179,  
209, 148) }
```

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