

Converting Colors

YUV(123.9480, -31.5264,
-14.8634)

Have a look what the booklet for
YUV(123.9480, -31.5264, -14.8634)
contains.

YUV(123.9480, -31.5264, -14.8634)	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(123.9480, -31.5264,
-14.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	6B913C
RGB	107, 145, 60
RGB Percent	42%, 57%, 24%
CMY	0.5804, 0.4314, 0.7647
CMYK	0.26, 0.00, 0.59, 0.43
HSL	87°, 41%, 40%
HSV	87°, 59%, 57%
XYZ	17.0044, 23.7028, 7.9538
YIQ	123.9480, 4.6370, -34.4910

Conversions

Conversions Part 2

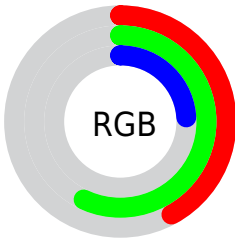
Format	Color
RYB	60, 145, 98
Decimal	7049532
CIELab	55.79, -27.70, 40.17
CIELCh	56, 48.792, 124.588
Yxy	23.7028, 0.3494, 0.4871
Android (android.graphics.Color)	4285239612 (0xFF6B913C)
YUV	123.9480, -31.5264, -14.8634
Hunter-Lab	48.6856, -22.8550, 24.3936

Details

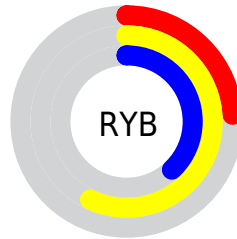
The YUV color **123.9480, -31.5264, -14.8634** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.0520, 31.5264, 14.8634**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4920, -33.2736, -14.4635**, and **72.7200, -32.4000, -14.6634** is the 20% darker color. If you saturate the color by 10%, you get **120.4440, -37.1939, -17.0524**, and if you desaturate by 10%, it is **127.4520, -25.8588, -12.6744**.

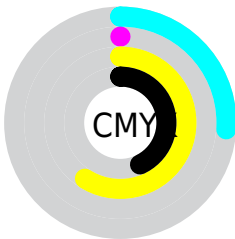
Distribution



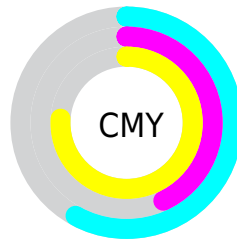
- Red (42%)
- Green (57%)
- Blue (24%)



- Red (24%)
- Yellow (57%)
- Blue (38%)



- Cyan (26%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9480, -31.5264, -14.8634 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 123.9480, -31.5264, -14.8634 by changing the saturation by 10% instead.

■ 123.9480,
-31.5264, -14.8634

■ 123.9480,
-31.5264, -14.8634

■ 255.0000, 0.0000,
0.0000

■ 98.0620, -31.0896,
-14.9634

■ 177.4920,
-33.2736, -14.4635

■ 72.7200, -32.4000,
-14.6634

■ 204.9650,
-33.9997, -14.8783

■ 50.3590, -24.8270,
-16.9778

■ 233.1500,
-34.5839, -14.1635

■ 28.1870, -13.8962,
-22.9660

■ 245.0130,
-26.6284, 0.8656

■ 17.0230, -8.3923,
-14.9292

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 123.9480,
-31.5264, -14.8634

■ 123.9480,
-31.5264, -14.8634

■ 120.4440,
-37.1939, -17.0524

■ 127.4520,
-25.8588, -12.6744

■ 116.7550,
-42.2772, -19.9561

■ 131.1410,
-20.7755, -9.7707

■ 113.3650,
-47.5079, -22.2451

■ 134.6450,
-15.1080, -7.5817

■ 109.5620,
-53.0281, -25.0489

■ 138.3340,
-10.0247, -4.6779

■ 109.0350,
-53.7543, -25.4637

■ 141.8380, -4.3571,
-2.4889

■ 145.5270, 0.7262,
0.4148

■ 149.0310, 6.3937,
2.6038

■ 152.7200, 11.4770,
5.5076

■ 156.2240, 17.1446,
7.6966

Harmonies

Analogous

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



128.8230, -41.8177, 19.4492



123.9480, -31.5264, -14.8634



112.4270, -8.0985, -62.6415

Triad

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



123.9480, -31.5264, -14.8634



110.8160, 48.8977, -97.1856



134.1470, -2.5375, 67.4001

Complementary

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



123.9480, -31.5264, -14.8634



81.0520, 31.5264, 14.8634

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.



137.0640, 16.7304, 47.3019



123.9480, -31.5264, -14.8634



122.6240, 47.0204, -54.9212

Square

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



123.9480, -31.5264, -14.8634



110.4450, 34.7836, -96.8603



136.7520, 33.1533, 6.3565



132.6850, -22.0297, 66.0513

Rectangle

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



123.9480, -31.5264, -14.8634



104.5340, 9.5967, -91.6763



136.7520, 33.1533, 6.3565



135.1340, 3.8779, 63.0265

Sweetspot

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



123.9480, -31.5264, -14.8634



180.6390, -12.6400, -5.8224



107.1340, -23.2371, 33.2085



89.0290, -7.4093, -3.5334



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.9480, -31.5264, -14.8634



156.3110, -48.9603, -23.0747



111.6890, -25.4827, -40.0693



69.3050, -2.6154, -1.1445



101.6700, -50.1233, -23.3896



5.8920, -2.9048, -1.6593

Inverse Universe

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



81.0520, 31.5264, 14.8634



89.6890, 48.9603, 23.0747



93.3110, 25.4827, 40.0693



65.6950, 2.6154, 1.1445



33.3300, 50.1233, 23.3896



1.8090, 3.0522, 1.0445

Previews

White Background



This preview shows how the YUV color 123.9480, -31.5264, -14.8634 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9480, -31.5264, -14.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

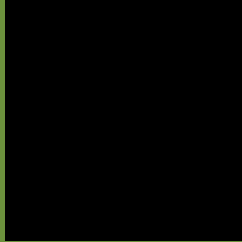
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9480, -31.5264, -14.8634 Background



This preview shows how black text looks on a background with the YUV color 123.9480, -31.5264, -14.8634.



This preview shows how white text looks on a background with the YUV color 123.9480, -31.5264, -14.8634.

-14.8634.

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

123.9480, -31.5264, -14.8634

Protanopia

128.8210, -35.4078, 16.8200

Deuteranopia

130.9950, -32.5355, 28.9454



Tritanopia

132.1710, 7.3107, -11.5510

Trichromacy



Original Color

123.9480, -31.5264, -14.8634

Protanomaly

126.7980, -33.9174, 5.4392

Deuteranomaly

128.5970, -32.3393, 12.6314

Tritanomaly

129.0880, -6.9454, -12.3552

Monochromacy



Original Color

123.9480, -31.5264, -14.8634

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2800, -11.4770, -5.5076

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9480, -31.5264, -14.8634 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(107, 145, 60)` looks like.

```
.text, #text, p{  
    color:rgb(107, 145, 60)  
}
```

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(107, 145, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 145, 60) }
```

Border

The CSS property to change the border of an element to YUV 123.9480, -31.5264, -14.8634 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(107, 145, 60) }
```


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

```
.border{ border-color:rgb(107, 145, 60) }
```

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

Here you see how a box with a 4 pixel rgb(107, 145, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 145, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 145, 60);  
box-shadow:4px 4px 4px 4px rgb(107, 145,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 123.9480, -31.5264, -14.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 145, 60) }
```

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

```
.background{ background-color: rgb(107,  
145, 60) }
```

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