

Converting Colors

YUV(146.9260, -24.6135,
7.9579)

Have a look what the booklet for
YUV(146.9260, -24.6135, 7.9579)
contains.

YUV(146.9260, -24.6135, 7.9579)	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(146.9260, -24.6135,
7.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9861
RGB	156, 152, 97
RGB Percent	61%, 60%, 38%
CMY	0.3882, 0.4039, 0.6196
CMYK	0.00, 0.03, 0.38, 0.39
HSL	56°, 23%, 50%
HSV	56°, 38%, 61%
XYZ	27.0962, 30.3875, 15.7465
YIQ	146.9260, 20.0390, -16.2570

Conversions

Conversions Part 2

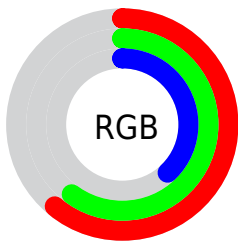
Format	Color
RYB	101, 156, 97
Decimal	10262625
CIELab	61.99, -7.08, 29.48
CIELCh	62, 30.319, 103.499
Yxy	30.3875, 0.3700, 0.4150
Android (android.graphics.Color)	4288452705 (0xFF9C9861)
YUV	146.9260, -24.6135, 7.9579
Hunter-Lab	55.1248, -8.7281, 21.6511

Details

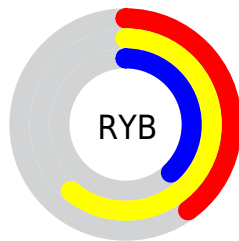
The YUV color **146.9260, -24.6135, 7.9579** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.0740, 24.6135, -7.9579**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8830, -26.0713, 8.8726**, and **95.9690, -23.1557, 7.0432** is the 20% darker color. If you saturate the color by 10%, you get **144.5150, -31.3129, 10.0723**, and if you desaturate by 10%, it is **149.3370, -17.9141, 5.8435**.

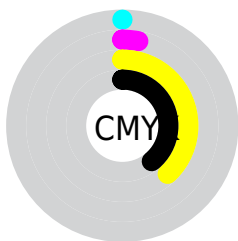
Distribution



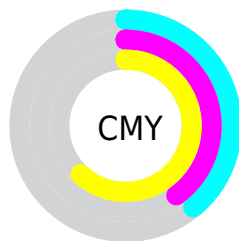
- Red (61%)
- Green (60%)
- Blue (38%)



- Red (40%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.9260, -24.6135, 7.9579 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 146.9260, -24.6135, 7.9579 by changing the saturation by 10% instead.

■ 146.9260,
-24.6135, 7.9579

■ 146.9260,
-24.6135, 7.9579

■ 255.0000, 0.0000,
0.0000

■ 120.8550,
-23.5925, 7.1432

■ 200.8830,
-26.0713, 8.8726

■ 95.9690, -23.1557,
7.0432

■ 229.0680,
-26.6555, 9.5874

■ 71.8980, -22.1347,
6.2285

■ 249.0720,
-22.7135, 5.1989

■ 48.9580, -23.1503,
5.2988

■ 252.2640,
-10.4832, 2.3995

■ 28.9390, -14.2669,
2.6845

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,

0.0000

■ 146.9260,
-24.6135, 7.9579

■ 146.9260,
-24.6135, 7.9579

■ 144.5150,
-31.3129, 10.0723

■ 149.3370,
-17.9141, 5.8435

■ 142.2180,
-37.5755, 12.0868

■ 151.6340,
-11.6516, 3.8290

■ 139.8070,
-44.2749, 14.2013

■ 154.0450, -4.9522,
1.7145

■ 137.5100,
-50.5374, 16.2157

■ 156.3420, 1.3104,
-0.2999

■ 135.0990,
-57.2368, 18.3302

■ 158.7530, 8.0098,
-2.4144

■ 132.6880,
-63.9362, 20.4446

■ 161.1640, 14.7091,
-4.5288

■ 131.7590,
-64.9572, 21.2594

■ 163.4610, 20.9717,
-6.5433

■ 165.8720, 27.6711,
-8.6577

■ 168.7560, 33.6443,
-11.1870

Harmonies

Analogous

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



149.3460, -24.8206, 27.7606



146.9260, -24.6135, 7.9579



143.5470, -16.5387, -15.3887

Triad

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



146.9260, -24.6135, 7.9579



133.6400, 25.8135, -66.3363



153.5280, 6.1487, 34.6169

Complementary

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



146.9260, -24.6135, 7.9579



106.0740, 24.6135, -7.9579

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.



153.6700, 17.4177, 13.4444



146.9260, -24.6135, 7.9579



141.9830, 29.0954, -45.5891

Square

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



146.9260, -24.6135, 7.9579



133.7580, 13.4303, -61.1778



149.3720, 25.9456, -15.2352



152.7390, -7.2663, 44.0789

Rectangle

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



146.9260, -24.6135, 7.9579



140.7390, -7.7593, -31.3431



149.3720, 25.9456, -15.2352



153.8200, 9.9487, 29.0989

Sweetspot

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



146.9260, -24.6135, 7.9579



200.3180, -9.0308, 3.2291



115.2110, -6.5130, 35.7720



99.9310, -5.3890, 1.8145



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



146.9260, -24.6135, 7.9579



189.9900, -38.4491, 12.2868



141.7990, -22.0859, -9.4707



78.0880, -3.4944, 0.7998



120.8280, -59.5682, 19.4448



12.7030, -6.2626, 2.0145

Inverse Universe

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



106.0740, 24.6135, -7.9579



126.0100, 38.4491, -12.2868



111.2010, 22.0859, 9.4707



72.4990, 3.2050, -1.3146



22.1720, 59.5682, -19.4448



2.2970, 6.2626, -2.0145

Previews

White Background



This preview shows how the YUV color 146.9260, -24.6135, 7.9579 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 146.9260, -24.6135, 7.9579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

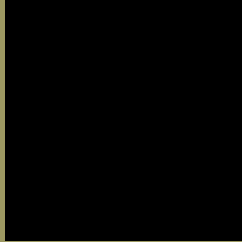
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.9260, -24.6135, 7.9579

Background



This preview shows how black text looks on a background with the YUV color 146.9260, -24.6135, 7.9579.



This preview shows how white text looks on a background with the YUV color 146.9260, -24.6135,

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

146.9260, -24.6135, 7.9579

Protanopia

147.7310, -25.5034, 13.3909

Deuteranopia

149.0470, -24.6732, 27.1458



Tritanopia

151.6360, 2.1515, 9.9662

Trichromacy



Original Color

146.9260, -24.6135, 7.9579

Protanomaly

147.4210, -25.3506, 11.0318

Deuteranomaly

148.0030, -24.6515, 20.1684

Tritanomaly

150.1060, -7.4473, 8.6770

Monochromacy



Original Color

146.9260, -24.6135, 7.9579

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0190, -8.8834, 2.6143

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9260, -24.6135, 7.9579 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(156, 152, 97)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 97)  
}
```

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(156, 152, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 97) }
```

Border

The CSS property to change the border of an element to YUV 146.9260, -24.6135, 7.9579 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(156, 152, 97) }
```


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

```
.border{ border-color:rgb(156, 152, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 152, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 152, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 152, 97);  
box-shadow:4px 4px 4px 4px rgb(156, 152,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 146.9260, -24.6135, 7.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 97) }
```

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

```
.background{ background-color: rgb(156,  
152, 97) }
```

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