

Converting Colors

YUV(146.6720, -32.8693,
-4.0973)

Have a look what the booklet for
YUV(146.6720, -32.8693, -4.0973)
contains.

YUV(146.6720, -32.8693, -4.0973)	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(146.6720, -32.8693,
-4.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA250
RGB	142, 162, 80
RGB Percent	56%, 64%, 31%
CMY	0.4431, 0.3647, 0.6863
CMYK	0.12, 0.00, 0.51, 0.36
HSL	75°, 34%, 47%
HSV	75°, 51%, 64%
XYZ	25.5236, 32.1706, 12.4537
YIQ	146.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

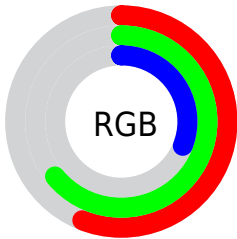
Format	Color
RYB	80, 162, 100
Decimal	9347664
CIELab	63.48, -20.02, 39.96
CIELCh	63, 44.693, 116.614
Yxy	32.1706, 0.3639, 0.4586
Android (android.graphics.Color)	4287537744 (0xFF8EA250)
YUV	146.6720, -32.8693, -4.0973
Hunter-Lab	56.7192, -18.9335, 26.6852

Details

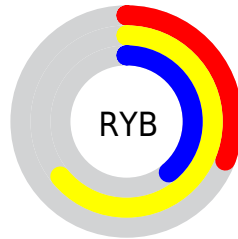
The YUV color **146.6720, -32.8693, -4.0973** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **95.3280, 32.8693, 4.0973**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2160, -34.6165, -3.6974**, and **95.0140, -31.5589, -4.3973** is the 20% darker color. If you saturate the color by 10%, you get **143.6520, -39.2684, -4.9568**, and if you desaturate by 10%, it is **149.6920, -26.4702, -3.2379**.

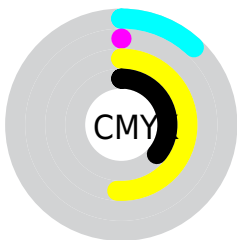
Distribution



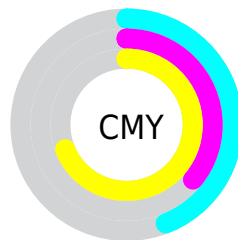
- Red (56%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (39%)



- Cyan (12%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6720, -32.8693, -4.0973 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 146.6720, -32.8693, -4.0973 by changing the saturation by 10% instead.

■ 146.6720,
-32.8693, -4.0973

■ 146.6720,
-32.8693, -4.0973

■ 255.0000, 0.0000,
0.0000

■ 120.4870,
-32.2851, -4.8121

■ 201.2160,
-34.6165, -3.6974

■ 95.0140, -31.5589,
-4.3973

■ 229.4010,
-35.2007, -2.9827

■ 70.1450, -33.5955,
-4.5122

■ 247.0200,
-30.5759, 6.9985

■ 49.2400, -24.2753,
-7.2265

■ 250.2120,
-18.3455, 4.1991

■ 28.8510, -14.2235,
-11.2703

■ 253.5180, -5.6784,
1.2997

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 146.6720,
-32.8693, -4.0973

■ 146.6720,
-32.8693, -4.0973

■ 143.6520,
-39.2684, -4.9568

■ 149.6920,
-26.4702, -3.2379

■ 140.6320,
-45.6676, -5.8163

■ 152.7120,
-20.0710, -2.3784

■ 137.4980,
-52.5035, -6.5757

■ 155.8460,
-13.2351, -1.6189

■ 134.4780,
-58.9027, -7.4352

■ 158.8660, -6.8359,
-0.7595

■ 131.5720,
-64.8650, -8.3946

■ 161.8860, -0.4368,
0.1000

■ 164.9060, 5.9623,
0.9594

■ 167.9260, 12.3615,
1.8189

■ 171.0600, 19.1974,
2.5784

■ 174.0800, 25.5966,
3.4378

Harmonies

Analogous

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



150.6760, -38.7873, 27.4711



146.6720, -32.8693, -4.0973



139.9090, -15.7311, -41.1392

Triad

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



146.6720, -32.8693, -4.0973



124.1690, 46.7517, -108.8962



156.5420, 1.7048, 60.0377

Complementary

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



146.6720, -32.8693, -4.0973



95.3280, 32.8693, 4.0973

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.



158.3830, 19.5312, 35.6211



146.6720, -32.8693, -4.0973



141.7220, 45.0001, -60.2692

Square

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



146.6720, -32.8693, -4.0973



123.5700, 31.7640, -108.3709



155.6150, 34.2068, -4.9244



154.6400, -17.0775, 64.3367

Rectangle

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



146.6720, -32.8693, -4.0973



130.5810, 1.6856, -74.1775



155.6150, 34.2068, -4.9244



157.4040, 7.6888, 54.0197

Sweetspot

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



146.6720, -32.8693, -4.0973



205.9600, -12.7983, -1.7189



115.6710, -17.5858, 40.6305



103.3390, -7.5621, -1.1743



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



146.6720, -32.8693, -4.0973



187.7260, -51.6299, -6.7757



134.7120, -26.9730, -28.6884



80.3760, -3.6364, -0.3298



118.0050, -58.1765, -7.0204



14.4530, -7.1253, -1.2743

Inverse Universe

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



95.3280, 32.8693, 4.0973



106.9750, 51.7773, 6.1609



107.2880, 26.9730, 28.6884



74.6240, 3.6364, 0.3298



26.9950, 58.1765, 7.0204



3.2480, 7.2727, 0.6595

Previews

White Background



This preview shows how the YUV color 146.6720, -32.8693, -4.0973 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 146.6720, -32.8693, -4.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

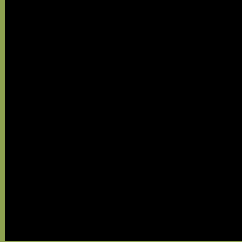
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.6720, -32.8693, -4.0973

Background



This preview shows how black text looks on a background with the YUV color 146.6720, -32.8693, -4.0973.



This preview shows how white text looks on a background with the YUV color 146.6720, -32.8693, -4.0973.

-4.0973.

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

146.6720, -32.8693, -4.0973

Protanopia

150.0060, -35.9920, 17.5347

Deuteranopia

151.4900, -33.2726, 32.0193



Tritanopia

154.0690, 5.3890, -1.8145

Trichromacy



Original Color

146.6720, -32.8693, -4.0973

Protanomaly

148.8910, -34.9493, 9.7426

Deuteranomaly

149.8150, -32.9398, 18.5792

Tritanomaly

151.1000, -8.4303, -2.7187

Monochromacy



Original Color

146.6720, -32.8693, -4.0973

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.6010, -11.6353, -1.4041

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6720, -32.8693, -4.0973 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(142, 162, 80)` looks like.

```
.text, #text, p{  
    color:rgb(142, 162, 80)  
}
```

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(142, 162, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 162, 80) }
```

Border

The CSS property to change the border of an element to YUV 146.6720, -32.8693, -4.0973 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(142, 162, 80) }
```


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

```
.border{ border-color:rgb(142, 162, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 162, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 162, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 162, 80);  
box-shadow:4px 4px 4px 4px rgb(142, 162,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 146.6720, -32.8693, -4.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 162, 80) }
```

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

```
.background{ background-color: rgb(142,  
162, 80) }
```

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