

Converting Colors

YUV(144.3200, -5.5808,
-30.0986)

Have a look what the booklet for
YUV(144.3200, -5.5808, -30.0986)
contains.

YUV(144.3200, -5.5808, -30.0986)	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(144.3200, -5.5808,
-30.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA485
RGB	110, 164, 133
RGB Percent	43%, 64%, 52%
CMY	0.5686, 0.3569, 0.4784
CMYK	0.33, 0.00, 0.19, 0.36
HSL	146°, 23%, 54%
HSV	146°, 33%, 64%
XYZ	23.9395, 31.5594, 27.0201
YIQ	144.3200, -22.2330, -21.0890

Conversions

Conversions Part 2

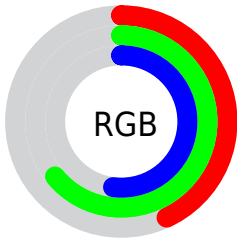
Format	Color
RYB	110, 148, 164
Decimal	7251077
CIELab	62.98, -24.65, 10.49
CIElCh	63, 26.792, 156.960
Yxy	31.5594, 0.2901, 0.3824
Android (android.graphics.Color)	4285441157 (0xFF6EA485)
YUV	144.3200, -5.5808, -30.0986
Hunter-Lab	56.1777, -22.2453, 10.8074

Details

The YUV color **144.3200, -5.5808, -30.0986** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.6800, 5.5808, 30.0986**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4940, -6.1595, -31.1282**, and **93.1460, -5.0020, -29.0690** is the 20% darker color. If you saturate the color by 10%, you get **138.5100, -7.1534, -39.0353**, and if you desaturate by 10%, it is **150.1300, -4.0081, -21.1620**.

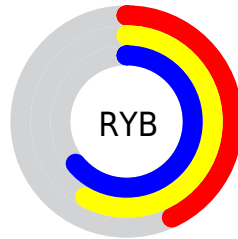
Distribution



Red (43%)

Green (64%)

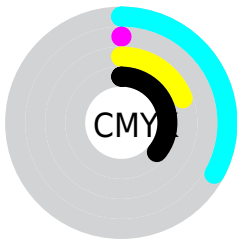
Blue (52%)



Red (43%)

Yellow (58%)

Blue (64%)

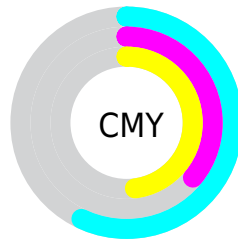


Cyan (33%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.3200, -5.5808, -30.0986 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 144.3200, -5.5808, -30.0986 by changing the saturation by 10% instead.

■ 144.3200, -5.5808,
-30.0986

■ 144.3200, -5.5808,
-30.0986

■ 255.0000, 0.0000,
0.0000

■ 118.7330, -5.2914,
-29.5838

■ 198.4940, -6.1595,
-31.1282

■ 93.1460, -5.0020,
-29.0690

■ 227.0810, -6.4489,
-31.6430

■ 68.3740, -4.1284,
-29.2690

■ 242.7540, -0.3717,
-20.8323

■ 43.6940, -2.8071,
-33.0576

■ 252.9070, 1.0318,
-4.3034

■ 26.1190, -4.0027,
-22.9064

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,

0.0000

■ 144.3200, -5.5808,
-30.0986

■ 144.3200, -5.5808,
-30.0986

■ 138.5100, -7.1534,
-39.0353

■ 150.1300, -4.0081,
-21.1620

■ 132.2870, -9.0155,
-48.4867

■ 156.3530, -2.1460,
-11.7106

■ 126.4770,
-10.5882, -57.4233

■ 162.1630, -0.5734,
-2.7740

■ 120.2540,
-12.4502, -66.8748

■ 168.3860, 1.2887,
6.6775

■ 114.4440,
-14.0229, -75.8114

■ 174.1960, 2.8614,
15.6141

■ 108.6340,
-15.5956, -84.7480

■ 180.0060, 4.4340,
24.5507

■ 104.2480,
-16.8843, -91.4255

■ 186.2290, 6.2961,
34.0022

■ 192.0390, 7.8688,
42.9388

■ 197.3650, 10.1731,
50.5459

Harmonies

Analogous

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



148.1780, -16.8498, -8.9261



144.3200, -5.5808, -30.0986



141.0540, 7.8614, -48.2824

Triad

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



144.3200, -5.5808, -30.0986



151.3670, 23.4831, -18.7389



154.4580, -14.5228, 38.1863

Complementary

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



144.3200, -5.5808, -30.0986



129.6800, 5.5808, 30.0986

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.



155.6180, -3.7557, 38.0460



144.3200, -5.5808, -30.0986



154.9250, 17.2920, 7.0818

Square

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



144.3200, -5.5808, -30.0986



144.9680, 25.1588, -42.9449



155.9400, 7.9176, 27.2396



152.8560, -21.6210, 28.1903

Rectangle

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



144.3200, -5.5808, -30.0986



139.6000, 16.4662, -54.9002



155.9400, 7.9176, 27.2396



154.6800, -11.1812, 39.7456

Sweetspot

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



144.3200, -5.5808, -30.0986



206.3530, -2.1460, -11.7106



150.9670, -20.1967, -8.7411



102.3150, -1.1413, -7.2923



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.



144.3200, -5.5808, -30.0986



182.9990, -8.8735, -47.3571



147.2840, 5.7760, -32.6981



78.7390, -0.8573, -5.0331



92.1830, -14.8802, -80.8445



11.4780, -1.7147, -10.0662

Inverse Universe

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



129.6800, 5.5808, 30.0986



160.0010, 8.8735, 47.3571



126.6020, -6.2128, 32.7980



76.2610, 0.8573, 5.0331



52.8170, 14.8802, 80.8445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 144.3200, -5.5808, -30.0986 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 144.3200, -5.5808, -30.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

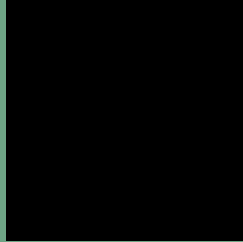
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 144.3200, -5.5808, -30.0986

Background



This preview shows how black text looks on a background with the YUV color 144.3200, -5.5808, -30.0986.



This preview shows how white text looks on a background with the YUV color 144.3200, -5.5808, -30.0986.

-30.0986.

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

144.3200, -5.5808, -30.0986

Protanopia

150.9550, -11.8098, 7.9325

Deuteranopia

152.7480, -7.7638, 16.8840



Tritanopia

148.1090, 11.2853, -26.4056

Trichromacy



Original Color

144.3200, -5.5808, -30.0986

Protanomaly

148.7360, -9.7298, -5.9075

Deuteranomaly

149.8660, -6.8359, -0.7595

Tritanomaly

146.7900, 5.0335, -27.8798

Monochromacy



Original Color

144.3200, -5.5808, -30.0986

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.3200, -5.5808, -30.0986 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(110, 164, 133)` looks like.

```
.text, #text, p{  
    color:rgb(110, 164, 133)  
}
```

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(110, 164, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 164, 133) }
```

Border

The CSS property to change the border of an element to YUV 144.3200, -5.5808, -30.0986 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(110, 164, 133) }
```


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

```
.border{ border-color:rgb(110, 164, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 164, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 164, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 164, 133);  
box-shadow:4px 4px 4px 4px rgb(110, 164,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 144.3200, -5.5808, -30.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 164, 133) }
```

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

```
.background{ background-color: rgb(110,  
164, 133) }
```

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