

Converting Colors

YUV(144.6590, -29.9049,
-21.6259)

Have a look what the booklet for
YUV(144.6590, -29.9049, -21.6259)
contains.

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Color

**YUV(144.6590, -29.9049,
-21.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	78A954
RGB	120, 169, 84
RGB Percent	47%, 66%, 33%
CMY	0.5294, 0.3373, 0.6706
CMYK	0.29, 0.00, 0.50, 0.34
HSL	95°, 34%, 50%
HSV	95°, 50%, 66%
XYZ	23.5339, 33.0091, 13.5185
YIQ	144.6590, -1.9190, -36.8230

Conversions

Conversions Part 2

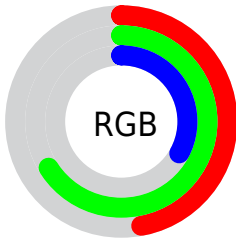
Format	Color
RYB	84, 169, 133
Decimal	7907668
CIELab	64.17, -31.58, 38.45
CIELCh	64, 49.755, 129.402
Yxy	33.0091, 0.3359, 0.4711
Android (android.graphics.Color)	4286097748 (0xFF78A954)
YUV	144.6590, -29.9049, -21.6259
Hunter-Lab	57.4535, -27.4271, 26.2668

Details

The YUV color **144.6590, -29.9049, -21.6259** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **108.3410, 29.9049, 21.6259**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4910, -31.7941, -22.3556**, and **93.0010, -28.5945, -21.9259** is the 20% darker color. If you saturate the color by 10%, you get **139.7310, -35.8564, -26.0741**, and if you desaturate by 10%, it is **149.5870, -23.9534, -17.1778**.

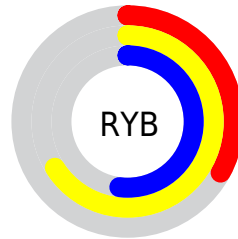
Distribution



Red (47%)

Green (66%)

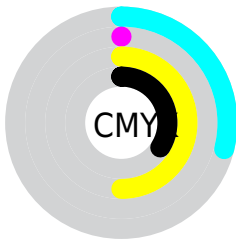
Blue (33%)



Red (33%)

Yellow (66%)

Blue (52%)

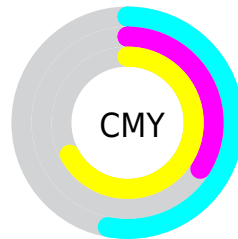


Cyan (29%)

Magenta (0%)

Yellow (50%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6590, -29.9049, -21.6259 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 144.6590, -29.9049, -21.6259 by changing the saturation by 10% instead.

■ 144.6590,
-29.9049, -21.6259

■ 144.6590,
-29.9049, -21.6259

■ 255.0000, 0.0000,
0.0000

■ 118.1860,
-29.1787, -21.2111

■ 199.4910,
-31.7941, -22.3556

■ 93.0010, -28.5945,
-21.9259

■ 227.3770,
-32.2309, -22.2556

■ 67.3600, -29.7575,
-22.2407

■ 240.4140,
-24.8541, -8.2561

■ 44.4010, -21.8897,
-25.7847

■ 250.7820,
-16.1615, 3.6992

■ 26.4150, -13.0226,
-23.1660

■ 254.0880, -3.4944,
0.7998

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 144.6590,
-29.9049, -21.6259

■ 144.6590,
-29.9049, -21.6259

■ 139.7310,
-35.8564, -26.0741

■ 149.5870,
-23.9534, -17.1778

■ 135.1020,
-41.9553, -29.9075

■ 154.2160,
-17.8545, -13.3444

■ 130.1740,
-47.9068, -34.3556

■ 159.1440,
-11.9030, -8.8963

■ 125.2460,
-53.8583, -38.8037

■ 164.0720, -5.9515,
-4.4481

■ 120.7310,
-59.5204, -42.7371

■ 168.8860, -0.4368,
0.1000

■ 173.5150, 5.6621,
3.9333

■ 178.4430, 11.6136,
8.3815

■ 183.3710, 17.5651,
12.8296

■ 188.2990, 23.5166,
17.2778

Harmonies

Analogous

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



150.2740, -42.5331, 15.5457



144.6590, -29.9049, -21.6259



132.2840, -4.5770, -72.1631

Triad

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



144.6590, -29.9049, -21.6259



126.3350, 55.0508, -110.7958



156.1430, -6.4795, 71.7886

Complementary

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



144.6590, -29.9049, -21.6259



108.3410, 29.9049, 21.6259

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.



159.1250, 14.2354, 54.2644



144.6590, -29.9049, -21.6259



150.0710, 45.8140, -41.2813

Square

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



144.6590, -29.9049, -21.6259



127.3660, 41.2316, -111.7000



159.4650, 31.8158, 15.3782



154.8440, -26.5451, 67.6658

Rectangle

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



144.6590, -29.9049, -21.6259



121.9280, 15.3185, -106.9309



159.4650, 31.8158, 15.3782



156.9560, 0.5147, 68.4446

Sweetspot

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



144.6590, -29.9049, -21.6259



209.5570, -11.6136, -8.3815



137.5910, -26.4204, 27.5457



104.1320, -6.9671, -5.3778



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



144.6590, -29.9049, -21.6259



181.3420, -46.0176, -33.6259



134.5790, -21.9774, -44.3578



81.5930, -2.7573, -2.2741



105.7130, -52.1165, -37.4593



14.4310, -7.1145, -4.7630

Inverse Universe

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



108.3410, 29.9049, 21.6259



125.6580, 46.0176, 33.6259



118.4210, 21.9774, 44.3578



78.4070, 2.7573, 2.2741



42.2870, 52.1165, 37.4593



5.8680, 6.9671, 5.3778

Previews

White Background



This preview shows how the YUV color 144.6590, -29.9049, -21.6259 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 144.6590, -29.9049, -21.6259 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 144.6590, -29.9049, -21.6259 Background



This preview shows how black text looks on a background with the YUV color 144.6590, -29.9049, -21.6259.



This preview shows how white text looks on a background with the YUV color 144.6590, -29.9049, -21.6259.

-21.6259.

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

144.6590, -29.9049, -21.6259

Protanopia

151.1200, -35.5552, 17.4348

Deuteranopia

153.5330, -31.8148, 31.1046



Tritanopia

152.7080, 9.5110, -17.2839

Trichromacy



Original Color

144.6590, -29.9049, -21.6259

Protanomaly

148.6020, -33.3278, 2.9800

Deuteranomaly

150.5260, -31.3183, 11.8167

Tritanomaly

149.9130, -4.8871, -19.2177

Monochromacy



Original Color

144.6590, -29.9049, -21.6259

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0840, -10.8874, -7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6590, -29.9049, -21.6259 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(120, 169, 84)` looks like.

```
.text, #text, p{  
    color:rgb(120, 169, 84)  
}
```

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(120, 169, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 169, 84) }
```

Border

The CSS property to change the border of an element to YUV 144.6590, -29.9049, -21.6259 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(120, 169, 84) }
```


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

```
.border{ border-color:rgb(120, 169, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 169, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 169, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 169, 84);  
box-shadow:4px 4px 4px 4px rgb(120, 169,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 144.6590, -29.9049, -21.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 169, 84) }
```

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

```
.background{ background-color: rgb(120,  
169, 84) }
```

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](#).

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