

Converting Colors

YUV(114.1490, -29.6535,
-8.9007)

Have a look what the booklet for
YUV(114.1490, -29.6535, -8.9007)
contains.

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Color

**YUV(114.1490, -29.6535,
-8.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	688336
RGB	104, 131, 54
RGB Percent	41%, 51%, 21%
CMY	0.5922, 0.4863, 0.7882
CMYK	0.21, 0.00, 0.59, 0.49
HSL	81°, 42%, 36%
HSV	81°, 59%, 51%
XYZ	14.4911, 19.4420, 6.4789
YIQ	114.1490, 8.6250, -29.6710

Conversions

Conversions Part 2

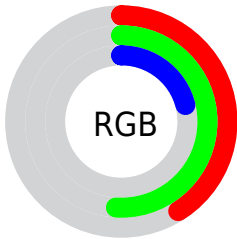
Format	Color
RYB	54, 131, 81
Decimal	6849334
CIELab	51.20, -22.55, 37.78
CIELCh	51, 43.998, 120.827
Yxy	19.4420, 0.3586, 0.4811
Android (android.graphics.Color)	4285039414 (0xFF688336)
YUV	114.1490, -29.6535, -8.9007
Hunter-Lab	44.0931, -18.4993, 22.1532

Details

The YUV color **114.1490, -29.6535, -8.9007** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **70.8510, 29.6535, 8.9007**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8070, -30.9639, -8.6007**, and **63.9210, -30.5271, -8.7007** is the 20% darker color. If you saturate the color by 10%, you get **111.1720, -34.5948, -10.6748**, and if you desaturate by 10%, it is **117.1260, -24.7121, -7.1265**.

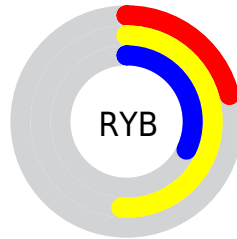
Distribution



Red (41%)

Green (51%)

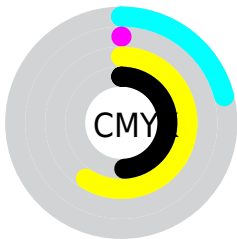
Blue (21%)



Red (21%)

Yellow (51%)

Blue (32%)

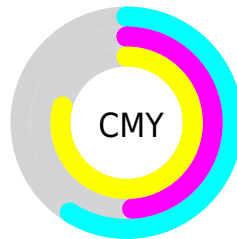


Cyan (21%)

Magenta (0%)

Yellow (59%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1490, -29.6535, -8.9007 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 114.1490, -29.6535, -8.9007 by changing the saturation by 10% instead.

■ 114.1490,
-29.6535, -8.9007

■ 114.1490,
-29.6535, -8.9007

■ 255.0000, 0.0000,
0.0000

■ 89.2630, -29.2167,
-9.0007

■ 166.8070,
-30.9639, -8.6007

■ 63.9210, -30.5271,
-8.7007

■ 194.4650,
-32.2742, -8.3008

■ 43.3150, -21.3543,
-10.8003

■ 222.3510,
-32.7110, -8.2008

■ 22.3170, -11.0023,
-17.8180

■ 242.6060,
-29.3858, -1.4085

■ 4.6960, -2.3151,
-4.1184

■ 249.9840,
-19.2191, 4.3990

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 114.1490,
-29.6535, -8.9007

■ 114.1490,
-29.6535, -8.9007

■ 111.1720,
-34.5948, -10.6748

■ 117.1260,
-24.7121, -7.1265

■ 108.4940,
-39.6835, -11.8342

■ 119.8040,
-19.6234, -5.9671

■ 105.5170,
-44.6249, -13.6084

■ 122.7810,
-14.6820, -4.1929

■ 102.8390,
-49.7136, -14.7678

■ 125.4590, -9.5933,
-3.0335

■ 102.3120,
-50.4398, -15.1826

■ 128.5500, -4.2151,
-1.3593

■ 131.5270, 0.7262,
0.4148

■ 134.2050, 5.8149,
1.5742

■ 137.1820, 10.7563,
3.3484

■ 139.8600, 15.8450,
4.5078

Harmonies

Analogous

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



117.8000, -36.8764, 21.2234



114.1490, -29.6535, -8.9007



106.1300, -10.9101, -47.4720

Triad

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



114.1490, -29.6535, -8.9007



100.5630, 42.6134, -88.1938



122.9610, -0.4738, 58.7932

Complementary

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



114.1490, -29.6535, -8.9007



70.8510, 29.6535, 8.9007

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.



125.5960, 16.4682, 38.0653



114.1490, -29.6535, -8.9007



109.8750, 42.9526, -56.8954

Square

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



114.1490, -29.6535, -8.9007



100.3060, 28.9361, -87.9684



124.4370, 30.8436, 0.4938



120.9060, -17.2087, 59.7184

Rectangle

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



114.1490, -29.6535, -8.9007



94.6060, 7.0962, -82.9695



124.4370, 30.8436, 0.4938



123.5350, 5.6522, 53.9048

Sweetspot

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



114.1490, -29.6535, -8.9007



164.1770, -11.9193, -3.6632



92.8720, -19.1639, 33.4383



82.7410, -7.2673, -2.4039



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



114.1490, -29.6535, -8.9007



144.3490, -46.5141, -14.3381



102.7870, -24.0520, -32.2622



64.7180, -2.3260, -0.6297



101.4260, -50.0030, -15.2826



2.3590, -1.1630, -0.3148

Inverse Universe

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



70.8510, 29.6535, 8.9007



76.3520, 46.6615, 13.7233



82.2130, 24.0520, 32.2622



61.2820, 2.3260, 0.6297



28.5740, 50.0030, 15.2826



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 114.1490, -29.6535, -8.9007 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 114.1490, -29.6535, -8.9007 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 114.1490, -29.6535, -8.9007

Background



This preview shows how black text looks on a background with the YUV color 114.1490, -29.6535, -8.9007.



This preview shows how white text looks on a background with the YUV color 114.1490, -29.6535, -8.9007.

-8.9007.

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

114.1490, -29.6535, -8.9007

Protanopia

117.7930, -32.9289, 15.0905

Deuteranopia

119.5540, -30.3461, 26.7011



Tritanopia

121.4490, 5.6946, -6.5328

Trichromacy



Original Color

114.1490, -29.6535, -8.9007

Protanomaly

116.3790, -31.7388, 6.6836

Deuteranomaly

117.2920, -29.7240, 13.7759

Tritanomaly

118.7080, -7.2510, -7.6369

Monochromacy



Original Color

114.1490, -29.6535, -8.9007

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8180, -10.7563, -3.3484

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1490, -29.6535, -8.9007 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(104, 131, 54)` looks like.

```
.text, #text, p{  
    color:rgb(104, 131, 54)  
}
```

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(104, 131, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 131, 54) }
```

Border

The CSS property to change the border of an element to YUV 114.1490, -29.6535, -8.9007 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(104, 131, 54) }
```


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

```
.border{ border-color:rgb(104, 131, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 131, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 131, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 131, 54);  
box-shadow:4px 4px 4px 4px rgb(104, 131,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 114.1490, -29.6535, -8.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 131, 54) }
```

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

```
.background{ background-color: rgb(104,  
131, 54) }
```

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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