

Converting Colors

YUV(110.1970, -12.4221,
-29.1138)

Have a look what the booklet for
YUV(110.1970, -12.4221, -29.1138)
contains.

YUV(110.1970, -12.4221, -29.1138)	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(110.1970, -12.4221,
-29.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8455
RGB	77, 132, 85
RGB Percent	30%, 52%, 33%
CMY	0.6980, 0.4824, 0.6667
CMYK	0.42, 0.00, 0.36, 0.48
HSL	129°, 26%, 41%
HSV	129°, 42%, 52%
XYZ	12.9515, 18.7362, 11.5282
YIQ	110.1970, -17.6930, -26.2770

Conversions

Conversions Part 2

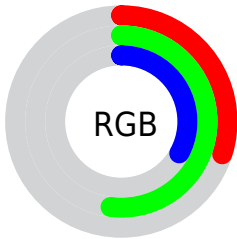
Format	Color
RYB	77, 125, 132
Decimal	5080149
CIELab	50.38, -28.81, 19.83
CIELCh	50, 34.976, 145.467
Yxy	18.7362, 0.2997, 0.4335
Android (android.graphics.Color)	4283270229 (0xFF4D8455)
YUV	110.1970, -12.4221, -29.1138
Hunter-Lab	43.2853, -22.3398, 14.5090

Details

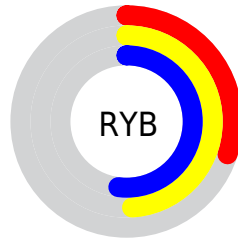
The YUV color **110.1970, -12.4221, -29.1138** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **98.8030, 12.4221, 29.1138**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5560, -13.5851, -29.4286**, and **60.3540, -10.5275, -30.1285** is the 20% darker color. If you saturate the color by 10%, you get **105.0560, -15.3106, -36.0061**, and if you desaturate by 10%, it is **115.3380, -9.5336, -22.2214**.

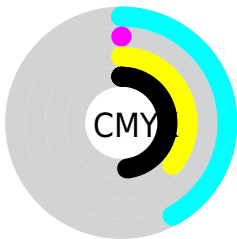
Distribution



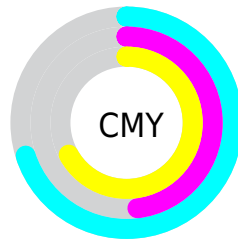
- Red (30%)
- Green (52%)
- Blue (33%)



- Red (30%)
- Yellow (49%)
- Blue (52%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (48%)



- Cyan (70%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1970, -12.4221, -29.1138 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 110.1970, -12.4221, -29.1138 by changing the saturation by 10% instead.

■ 110.1970,
-12.4221, -29.1138

■ 110.1970,
-12.4221, -29.1138

■ 255.0000, 0.0000,
0.0000

■ 84.7240, -11.6959,
-28.6989

■ 162.5560,
-13.5851, -29.4286

■ 60.3540, -10.5275,
-30.1285

■ 189.7300,
-14.1639, -30.4582

■ 36.0980, -8.9223,
-31.6579

■ 218.3170,
-14.4533, -30.9730

■ 21.7190, -10.7075,
-19.0476

■ 237.3980,
-10.5492, -23.1510

■ 1.7610, -0.8682,
-1.5444

■ 249.3750, -2.1569,
-8.2219

■ 0.0000, 0.0000,
0.0000

■ 110.1970,
-12.4221, -29.1138

■ 110.1970,
-12.4221, -29.1138

■ 105.0560,
-15.3106, -36.0061

■ 115.3380, -9.5336,
-22.2214

■ 99.8010, -18.6359,
-42.7985

■ 120.5930, -6.2083,
-15.4291

■ 94.3610, -21.3770,
-50.3056

■ 126.0330, -3.4673,
-7.9219

■ 89.2200, -24.2655,
-57.1979

■ 131.1740, -0.5788,
-1.0296

■ 84.0790, -27.1539,
-64.0903

■ 136.3150, 2.3097,
5.8627

■ 79.6500, -29.9004,
-69.8530

■ 141.5700, 5.6350,
12.6551

■ 146.7110, 8.5235,
19.5475

■ 152.1510, 11.2646,

27.0546

■ 157.4060, 14.5898,
33.8469

Harmonies

Analogous

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



115.1590, -24.7284, -1.8934



110.1970, -12.4221, -29.1138



98.8190, 7.4842, -67.3703

Triad

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



110.1970, -12.4221, -29.1138



111.4330, 33.3105, -44.2297



120.5070, -12.0820, 48.6674

Complementary

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



110.1970, -12.4221, -29.1138



98.8030, 12.4221, 29.1138

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.



122.4430, 1.7536, 44.3385



110.1970, -12.4221, -29.1138



121.4380, 25.9131, -4.7691

Square

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



110.1970, -12.4221, -29.1138



96.6360, 35.1825, -84.7498



123.7640, 14.9063, 25.6400



119.7650, -23.5481, 39.6711

Rectangle

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



110.1970, -12.4221, -29.1138



94.6350, 19.8999, -82.9949



123.7640, 14.9063, 25.6400



121.3590, -7.5720, 48.7972

Sweetspot

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



110.1970, -12.4221, -29.1138



162.2560, -5.0562, -11.6255



123.6370, -22.9920, 1.1954



81.4460, -3.1779, -7.4071



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.



110.1970, -12.4221, -29.1138



136.9640, -19.2093, -45.5724



113.2750, -0.6286, -31.8132



63.6360, -1.2995, -3.1888



78.4760, -29.3217, -68.8235



1.7610, -0.8682, -1.5444

Inverse Universe

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



98.8030, 12.4221, 29.1138



119.0360, 19.2093, 45.5724



95.7250, 0.6286, 31.8132



62.3640, 1.2995, 3.1888



51.5240, 29.3217, 68.8235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 110.1970, -12.4221, -29.1138 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 110.1970, -12.4221, -29.1138 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 110.1970, -12.4221, -29.1138 Background



This preview shows how black text looks on a background with the YUV color 110.1970, -12.4221, -29.1138.



This preview shows how white text looks on a background with the YUV color 110.1970, -12.4221, -29.1138.

-29.1138.

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

110.1970, -12.4221, -29.1138

Protanopia

117.5440, -18.5092, 10.0469

Deuteranopia

119.2230, -14.8999, 19.0984



Tritanopia

115.7780, 9.9694, -24.3613

Trichromacy



Original Color

110.1970, -12.4221, -29.1138

Protanomaly

115.0260, -16.2818, -4.4078

Deuteranomaly

116.3410, -13.9721, 1.4549

Tritanomaly

113.5900, 1.6811, -25.9504

Monochromacy



Original Color

110.1970, -12.4221, -29.1138

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1970, -12.4221, -29.1138 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(77, 132, 85)` looks like.

```
.text, #text, p{  
    color:rgb(77, 132, 85)  
}
```

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(77, 132, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 132, 85) }
```

Border

The CSS property to change the border of an element to YUV 110.1970, -12.4221, -29.1138 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(77, 132, 85) }
```


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

```
.border{ border-color:rgb(77, 132, 85) }
```

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

Here you see how a box with a 4 pixel rgb(77, 132, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 132, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 132, 85);  
box-shadow:4px 4px 4px 4px rgb(77, 132,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 110.1970, -12.4221, -29.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 132, 85) }
```

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

```
.background{ background-color: rgb(77, 132,  
85) }
```

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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