

Converting Colors

YUV(70.1270, -12.8806,
-22.0364)

Have a look what the booklet for
YUV(70.1270, -12.8806, -22.0364)
contains.

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Color

**YUV(70.1270, -12.8806,
-22.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	2D582C
RGB	45, 88, 44
RGB Percent	18%, 35%, 17%
CMY	0.8235, 0.6549, 0.8275
CMYK	0.49, 0.00, 0.50, 0.65
HSL	119°, 33%, 26%
HSV	119°, 50%, 35%
XYZ	5.0265, 7.7192, 3.6079
YIQ	70.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

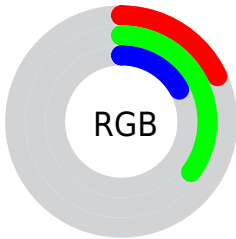
Format	Color
R_{YB}	44, 88, 87
Decimal	2971692
CIE Lab	33.39, -25.21, 20.92
CIE LCh	33, 32.762, 140.320
Yxy	7.7192, 0.3074, 0.4720
Android (android.graphics.Color)	4281161772 (0xFF2D582C)
YUV	70.1270, -12.8806, -22.0364
Hunter-Lab	27.7834, -16.3270, 11.7491

Details

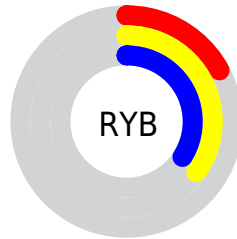
The YUV color **70.1270, -12.8806, -22.0364** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.8730, 12.8806, 22.0364**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4860, -14.0436, -22.3512**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **66.4100, -15.4851, -26.6696**, and if you desaturate by 10%, it is **73.8440, -10.2761, -17.4032**.

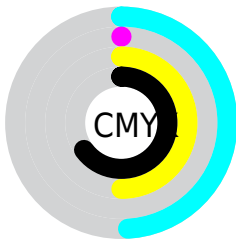
Distribution



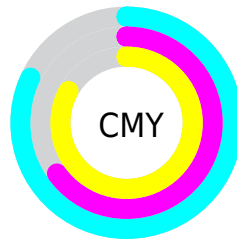
- Red (18%)
- Green (35%)
- Blue (17%)



- Red (17%)
- Yellow (35%)
- Blue (34%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1270, -12.8806, -22.0364 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 70.1270, -12.8806, -22.0364 by changing the saturation by 10% instead.

■ 70.1270, -12.8806,
-22.0364

■ 70.1270, -12.8806,
-22.0364

255.0000, 0.0000,
0.0000

■ 46.0560, -11.8596,
-22.8511

■ 119.4860,
-14.0436, -22.3512

■ 24.6540, -12.1544,
-21.6216

■ 145.8450,
-15.2066, -22.6661

■ 11.7400, -5.7878,
-10.2960

■ 172.4320,
-15.4960, -23.1809

■ 0.0000, 0.0000,
0.0000

■ 200.0190,
-15.7854, -23.6957

■ 228.4920,
-16.5116, -24.1105

■ 243.5780,

-10.1450, -12.7849

254.6580, -1.3104,
0.2999

■ 70.1270, -12.8806,
-22.0364

■ 70.1270, -12.8806,
-22.0364

■ 66.4100, -15.4851,
-26.6696

■ 73.8440, -10.2761,
-17.4032

■ 62.9920, -18.2371,
-30.6880

■ 77.2620, -7.5242,
-13.3848

■ 59.3890, -20.4048,
-35.4212

■ 80.8650, -5.3564,
-8.6516

■ 55.9710, -23.1567,
-39.4396

■ 84.2830, -2.6045,
-4.6332

■ 52.2540, -25.7612,
-44.0728

■ 88.0000, 0.0000,
0.0000

■ 91.7170, 2.6045,
4.6332

■ 95.1350, 5.3564,
8.6516

■ 98.7380, 7.5242,
13.3848

■ 102.1560, 10.2761,
17.4032

Harmonies

Analogous

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



73.9360, -23.1394, 1.8101



70.1270, -12.8806, -22.0364



61.2830, 3.8045, -53.7452

Triad

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



70.1270, -12.8806, -22.0364



64.0140, 32.0381, -56.1403



78.2010, -7.9871, 41.9197

Complementary

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



70.1270, -12.8806, -22.0364



61.8730, 12.8806, 22.0364

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.



79.9690, 3.9593, 36.8612



70.1270, -12.8806, -22.0364



78.2370, 24.0402, -10.7318

Square

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



70.1270, -12.8806, -22.0364



65.6950, 25.7864, -57.6145



81.4210, 15.0754, 18.0478



77.2960, -18.8799, 35.6974

Rectangle

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



70.1270, -12.8806, -22.0364



63.3350, 11.6668, -55.5448



81.4210, 15.0754, 18.0478



78.9390, -3.9139, 42.1495

Sweetspot

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



70.1270, -12.8806, -22.0364



107.9790, -4.9196, -8.7516



82.3970, -18.9297, 4.9138



54.4570, -3.1833, -5.6628



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.1270, -12.8806, -22.0364



86.8020, -20.1154, -34.9064



72.2220, -3.5604, -24.7507



41.3480, -1.1576, -2.0592



63.4070, -31.2597, -53.8539



139.4400, -68.7439, -117.9039

Inverse Universe

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



61.8730, 12.8806, 22.0364



73.8990, 20.2628, 34.2916



59.7780, 3.5604, 24.7507



40.6520, 1.1576, 2.0592



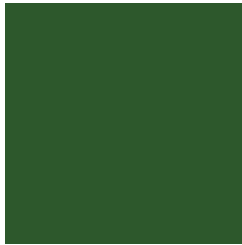
43.5930, 31.2597, 53.8539



95.2610, 68.8913, 117.2891

Previews

White Background



This preview shows how the YUV color 70.1270, -12.8806, -22.0364 looks on a white background.

Color Contrast Check

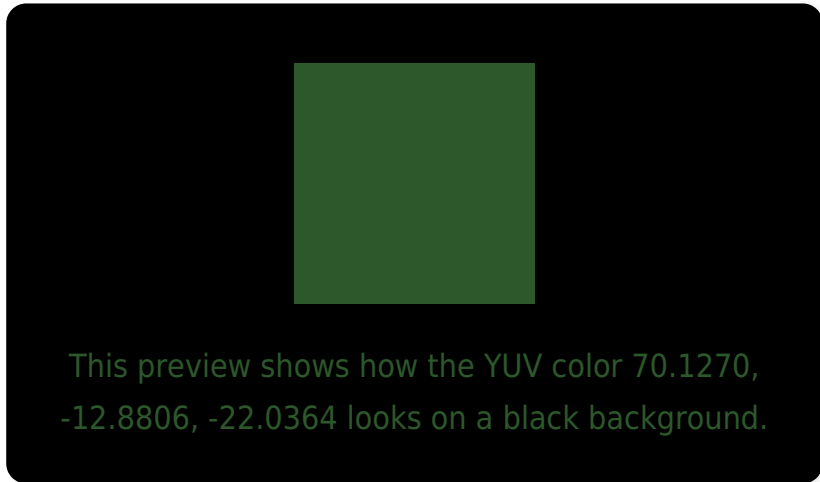
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 70.1270, -12.8806, -22.0364 Background



This preview shows how black text looks on a background with the YUV color 70.1270, -12.8806, -22.0364.



This preview shows how white text looks on a background with the YUV color 70.1270, -12.8806, -22.0364.

-22.0364.

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

70.1270, -12.8806, -22.0364

Protanopia

76.1740, -17.3408, 8.6174

Deuteranopia

77.7880, -15.1785, 15.0949



Tritanopia

75.4260, 7.1850, -17.9136

Trichromacy



Original Color

70.1270, -12.8806, -22.0364

Protanomaly

74.1510, -15.8504, -2.7634

Deuteranomaly

75.2270, -14.4089, 1.5549

Tritanomaly

73.4660, -0.2297, -19.7027

Monochromacy



Original Color

70.1270, -12.8806, -22.0364

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3920, -4.6303, -8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1270, -12.8806, -22.0364 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(45, 88, 44)` looks like.

```
.text, #text, p{  
    color:rgb(45, 88, 44)  
}
```

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(45, 88, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 88, 44) }
```

Border

The CSS property to change the border of an element to YUV 70.1270, -12.8806, -22.0364 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(45, 88, 44) }
```


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

```
.border{ border-color:rgb(45, 88, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 88, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 88, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 88, 44);  
box-shadow:4px 4px 4px 4px rgb(45, 88, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1270, -12.8806, -22.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 88, 44) }
```

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

```
.background{ background-color: rgb(45, 88,  
44) }
```

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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