

Converting Colors

YUV(112.7290, -22.5444,
-2.3933)

Have a look what the booklet for
YUV(112.7290, -22.5444, -2.3933)
contains.

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Color

**YUV(112.7290, -22.5444,
-2.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7B43
RGB	110, 123, 67
RGB Percent	43%, 48%, 26%
CMY	0.5686, 0.5176, 0.7373
CMYK	0.11, 0.00, 0.46, 0.52
HSL	74°, 29%, 37%
HSV	74°, 46%, 48%
XYZ	14.5265, 17.8862, 7.9969
YIQ	112.7290, 10.2280, -20.1720

Conversions

Conversions Part 2

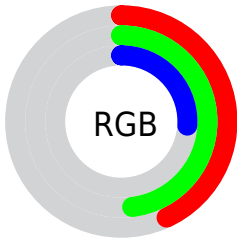
Format	Color
RYB	67, 123, 80
Decimal	7240515
CIELab	49.36, -14.39, 28.93
CIELCh	49, 32.309, 116.441
Yxy	17.8862, 0.3595, 0.4426
Android (android.graphics.Color)	4285430595 (0xFF6E7B43)
YUV	112.7290, -22.5444, -2.3933
Hunter-Lab	42.2920, -12.6998, 18.3934

Details

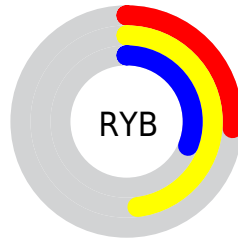
The YUV color **112.7290, -22.5444, -2.3933** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.2710, 22.5444, 2.3933**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6860, -24.0022, -1.4786**, and **64.0710, -21.2340, -2.6933** is the 20% darker color. If you saturate the color by 10%, you get **110.4640, -27.3438, -3.0379**, and if you desaturate by 10%, it is **114.9940, -17.7450, -1.7487**.

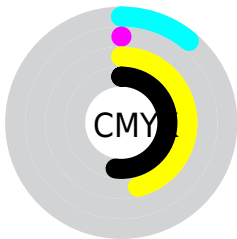
Distribution



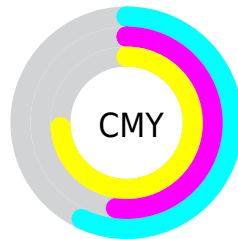
- Red (43%)
- Green (48%)
- Blue (26%)



- Red (26%)
- Yellow (48%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (46%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7290, -22.5444, -2.3933 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 112.7290, -22.5444, -2.3933 by changing the saturation by 10% instead.

■ 112.7290,
-22.5444, -2.3933

■ 112.7290,
-22.5444, -2.3933

■ 255.0000, 0.0000,
0.0000

■ 87.9570, -21.6708,
-2.5933

■ 164.6860,
-24.0022, -1.4786

■ 64.0710, -21.2340,
-2.6933

■ 192.1590,
-24.7284, -1.8934

■ 41.8860, -20.6498,
-3.4080

■ 220.0450,
-25.1652, -1.7935

■ 22.3830, -11.0348,
-7.3519

■ 245.8820,
-24.5918, 0.9805

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

254.7720, -0.8736,

0.2000

■ 112.7290,
-22.5444, -2.3933

■ 112.7290,
-22.5444, -2.3933

■ 110.4640,
-27.3438, -3.0379

■ 114.9940,
-17.7450, -1.7487

■ 108.0850,
-32.5799, -3.5825

■ 117.3730,
-12.5089, -1.2041

■ 105.8200,
-37.3793, -4.2271

■ 119.6380, -7.7095,
-0.5595

■ 103.8540,
-42.3260, -4.2570

■ 121.6040, -2.7628,
-0.5297

■ 101.4750,
-47.5622, -4.8016

■ 123.9830, 2.4734,
0.0149

■ 100.3070,
-49.4514, -5.5312

■ 126.2480, 7.2727,
0.6595

■ 128.5130, 12.0721,
1.3041

■ 130.7780, 16.8714,
1.9487

■ 133.1570, 22.1076,
2.4933

Harmonies

Analogous

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



115.8350, -26.5407, 19.4387



112.7290, -22.5444, -2.3933



108.5500, -11.1171, -27.6693

Triad

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



112.7290, -22.5444, -2.3933



93.6040, 33.7192, -82.0907



120.1930, 0.8909, 41.0497

Complementary

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



112.7290, -22.5444, -2.3933



77.2710, 22.5444, 2.3933

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.



120.7100, 13.4540, 24.8103



112.7290, -22.5444, -2.3933



110.9670, 30.0893, -37.6821

Square

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



112.7290, -22.5444, -2.3933



92.9710, 23.6783, -81.5356



118.4660, 23.4343, -3.0397



118.1860, -11.9237, 44.5639

Rectangle

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



112.7290, -22.5444, -2.3933



104.0020, -0.0010, -46.4828



118.4660, 23.4343, -3.0397



120.3110, 5.2697, 36.5613

Sweetspot

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



112.7290, -22.5444, -2.3933



156.5840, -9.1619, -1.3892



90.7880, -11.7275, 28.2499



79.2080, -5.5255, -1.0594



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



112.7290, -22.5444, -2.3933



144.5750, -35.7795, -4.0123



104.6560, -18.5644, -18.9923



60.0170, -2.4734, -0.0149



102.0790, -50.3249, -5.3313



205.9300, -101.5235, -10.4626

Inverse Universe

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



77.2710, 22.5444, 2.3933



88.4250, 35.7795, 4.0123



85.3440, 18.5644, 18.9923



56.2820, 2.3260, 0.6297



22.9210, 50.3249, 5.3313



46.3690, 101.3761, 11.0774

Previews

White Background



This preview shows how the YUV color 112.7290, -22.5444, -2.3933 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 × Fail

Black Background



This preview shows how the YUV color 112.7290, -22.5444, -2.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

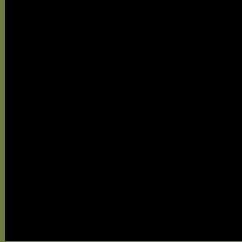
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.7290, -22.5444, -2.3933

Background



This preview shows how black text looks on a background with the YUV color 112.7290, -22.5444, -2.3933.



This preview shows how white text looks on a background with the YUV color 112.7290, -22.5444, -2.3933.

-2.3933.

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

112.7290, -22.5444, -2.3933

Protanopia

114.6600, -24.4824, 12.5762

Deuteranopia

116.1820, -22.7677, 22.6424



Tritanopia

117.4390, 4.2206, -0.3850

Trichromacy



Original Color

112.7290, -22.5444, -2.3933

Protanomaly

113.8550, -23.5925, 7.1432

Deuteranomaly

114.8280, -22.5932, 13.3058

Tritanomaly

115.9090, -5.3781, -1.6742

Monochromacy



Original Color

112.7290, -22.5444, -2.3933

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1110, -8.4357, -0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7290, -22.5444, -2.3933 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, 123, 67)` looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 67)  
}
```

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, 123, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 67) }
```

Border

The CSS property to change the border of an element to YUV 112.7290, -22.5444, -2.3933 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, 123, 67) }
```


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

```
.border{ border-color:rgb(110, 123, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 123, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 67);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 112.7290, -22.5444, -2.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 123, 67) }
```

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

```
.background{ background-color: rgb(110,  
123, 67) }
```

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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