

Converting Colors

YUV(113.3750, -22.3699,
-11.7299)

Have a look what the booklet for
YUV(113.3750, -22.3699, -11.7299)
contains.

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Color

**YUV(113.3750, -22.3699,
-11.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	648144
RGB	100, 129, 68
RGB Percent	39%, 51%, 27%
CMY	0.6078, 0.4941, 0.7333
CMYK	0.22, 0.00, 0.47, 0.49
HSL	89°, 31%, 39%
HSV	89°, 47%, 51%
XYZ	14.1492, 18.8272, 8.3571
YIQ	113.3750, 2.2970, -25.1190

Conversions

Conversions Part 2

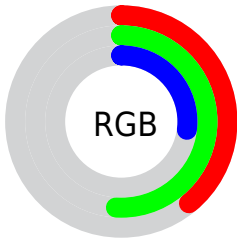
Format	Color
RYB	68, 129, 97
Decimal	6586692
CIELab	50.48, -21.58, 29.63
CIElCh	50, 36.657, 126.061
Yxy	18.8272, 0.3423, 0.4555
Android (android.graphics.Color)	4284776772 (0xFF648144)
YUV	113.3750, -22.3699, -11.7299
Hunter-Lab	43.3903, -17.7259, 18.9538

Details

The YUV color **113.3750, -22.3699, -11.7299** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **83.6250, 22.3699, 11.7299**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6200, -23.9697, -11.9447**, and **64.7170, -21.0595, -12.0298** is the 20% darker color. If you saturate the color by 10%, you get **110.0990, -27.1638, -14.1188**, and if you desaturate by 10%, it is **116.6510, -17.5759, -9.3409**.

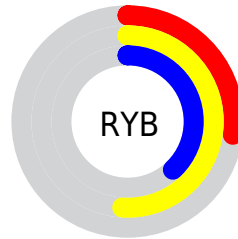
Distribution



Red (39%)

Green (51%)

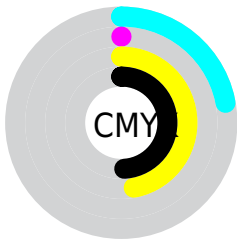
Blue (27%)



Red (27%)

Yellow (51%)

Blue (38%)

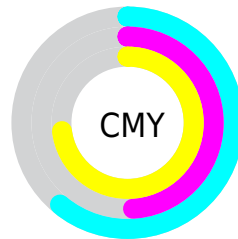


Cyan (22%)

Magenta (0%)

Yellow (47%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3750, -22.3699, -11.7299 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 113.3750, -22.3699, -11.7299 by changing the saturation by 10% instead.

■ 113.3750,
-22.3699, -11.7299

■ 113.3750,
-22.3699, -11.7299

■ 255.0000, 0.0000,
0.0000

■ 88.6030, -21.4963,
-11.9298

■ 165.6200,
-23.9697, -11.9447

■ 64.7170, -21.0595,
-12.0298

■ 193.0930,
-24.6958, -12.3596

■ 41.2440, -20.3333,
-11.6150

■ 220.9790,
-25.1326, -12.2596

■ 20.8440, -10.2761,
-17.4032

■ 242.8210,
-22.0968, -5.9820

■ 1.7610, -0.8682,
-1.5444

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 113.3750,
-22.3699, -11.7299

■ 113.3750,
-22.3699, -11.7299

■ 110.0990,
-27.1638, -14.1188

■ 116.6510,
-17.5759, -9.3409

■ 106.8230,
-31.9577, -16.5078

■ 119.9270,
-12.7820, -6.9520

■ 103.5470,
-36.7517, -18.8967

■ 123.2030, -7.9881,
-4.5630

■ 99.9720, -41.3982,
-21.9004

■ 126.7780, -3.3416,
-1.5593

■ 96.8100, -45.7553,
-24.3894

■ 130.0540, 1.4524,
0.8296

■ 96.0550, -47.3551,
-24.6042

■ 133.2160, 5.8095,
3.3186

■ 136.4920, 10.6034,
5.7075

■ 139.7680, 15.3974,

8.0965

■ 143.0440, 20.1913,
10.4854

Harmonies

Analogous

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



116.5910, -29.8714, 14.3907



113.3750, -22.3699, -11.7299



106.7160, -6.2690, -42.7239

Triad

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



113.3750, -22.3699, -11.7299



96.4880, 39.6924, -84.6200



121.8090, -3.3568, 50.1565

Complementary

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



113.3750, -22.3699, -11.7299



83.6250, 22.3699, 11.7299

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.



123.7930, 10.9481, 35.2615



113.3750, -22.3699, -11.7299



115.6950, 32.6884, -31.3045

Square

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



113.3750, -22.3699, -11.7299



97.0290, 29.0727, -85.0944



123.2330, 23.5491, 6.8117



120.4270, -17.4655, 48.7375

Rectangle

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



113.3750, -22.3699, -11.7299



92.9420, 10.8746, -81.5101



123.2330, 23.5491, 6.8117



122.7530, 1.6008, 46.6976

Sweetspot

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



113.3750, -22.3699, -11.7299



162.0890, -8.4249, -4.4631



102.6750, -17.0948, 23.0870



80.3110, -5.0833, -2.9037



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.3750, -22.3699, -11.7299



143.6010, -35.2993, -18.0671



104.4050, -17.9477, -30.1732



62.3050, -2.6154, -1.1445



95.1690, -46.9183, -24.7042



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.6250, 22.3699, 11.7299



96.6980, 35.1519, 18.6819



92.5950, 17.9477, 30.1732



58.6950, 2.6154, 1.1445



32.8310, 46.9183, 24.7042



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.3750, -22.3699, -11.7299 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 113.3750, -22.3699, -11.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

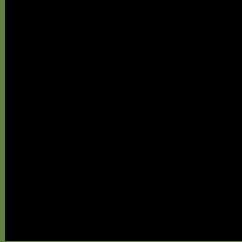
Any Text WCAG AA ✓ Pass

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 113.3750, -22.3699, -11.7299 Background



This preview shows how black text looks on a background with the YUV color 113.3750, -22.3699, -11.7299.



This preview shows how white text looks on a background with the YUV color 113.3750, -22.3699, -11.7299.

-11.7299.

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

113.3750, -22.3699, -11.7299

Protanopia

117.3180, -25.7928, 12.8761

Deuteranopia

118.4810, -22.9151, 23.2572



Tritanopia

119.2530, 6.2843, -8.9919

Trichromacy



Original Color

113.3750, -22.3699, -11.7299

Protanomaly

115.6050, -24.4553, 3.8544

Deuteranomaly

116.5180, -22.4404, 10.9467

Tritanomaly

117.4950, -4.1880, -10.0811

Monochromacy



Original Color

113.3750, -22.3699, -11.7299

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2030, -7.9881, -4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3750, -22.3699, -11.7299 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(100, 129, 68)` looks like.

```
.text, #text, p{  
    color:rgb(100, 129, 68)  
}
```

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(100, 129, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 129, 68) }
```

Border

The CSS property to change the border of an element to YUV 113.3750, -22.3699, -11.7299 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(100, 129, 68) }
```


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

```
.border{ border-color:rgb(100, 129, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 129, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 129, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 129, 68);  
box-shadow:4px 4px 4px 4px rgb(100, 129,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 113.3750, -22.3699, -11.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 129, 68) }
```

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

```
.background{ background-color: rgb(100,  
129, 68) }
```

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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