

Converting Colors

YUV(112.7550, -22.0642,
-16.4481)

Have a look what the booklet for
YUV(112.7550, -22.0642, -16.4481)
contains.

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Color

**YUV(112.7550, -22.0642,
-16.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8344
RGB	94, 131, 68
RGB Percent	37%, 51%, 27%
CMY	0.6314, 0.4863, 0.7333
CMYK	0.28, 0.00, 0.48, 0.49
HSL	95°, 32%, 39%
HSV	95°, 48%, 51%
XYZ	13.7758, 19.0296, 8.4159
YIQ	112.7550, -1.8290, -27.4370

Conversions

Conversions Part 2

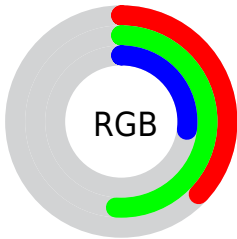
Format	Color
RYB	68, 131, 105
Decimal	6193988
CIELab	50.72, -24.95, 29.84
CIELCh	51, 38.901, 129.900
Yxy	19.0296, 0.3342, 0.4616
Android (android.graphics.Color)	4284384068 (0xFF5E8344)
YUV	112.7550, -22.0642, -16.4481
Hunter-Lab	43.6230, -19.9714, 19.0977

Details

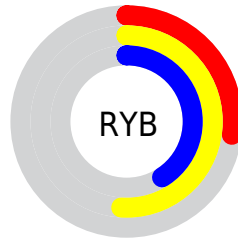
The YUV color **112.7550, -22.0642, -16.4481** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **86.2450, 22.0642, 16.4481**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0000, -23.6640, -16.6630**, and **63.3960, -20.9012, -16.1333** is the 20% darker color. If you saturate the color by 10%, you get **108.8810, -26.5633, -20.0666**, and if you desaturate by 10%, it is **116.6290, -17.5651, -12.8296**.

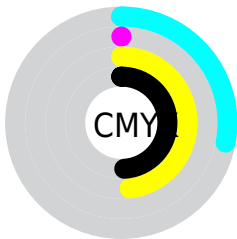
Distribution



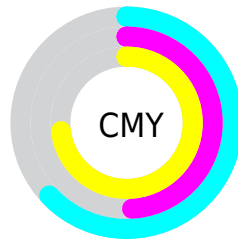
- Red (37%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (41%)



- Cyan (28%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7550, -22.0642, -16.4481 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 112.7550, -22.0642, -16.4481 by changing the saturation by 10% instead.

■ 112.7550,
-22.0642, -16.4481

■ 112.7550,
-22.0642, -16.4481

■ 255.0000, 0.0000,
0.0000

■ 87.9830, -21.1906,
-16.6481

■ 165.0000,
-23.6640, -16.6630

■ 63.3960, -20.9012,
-16.1333

■ 192.4730,
-24.3902, -17.0778

■ 40.3250, -19.8802,
-16.9480

■ 220.3590,
-24.8270, -16.9778

■ 21.1320, -10.4181,
-18.5328

■ 240.7280,
-21.0649, -10.2855

■ 2.9350, -1.4470,
-2.5740

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 112.7550,
-22.0642, -16.4481

■ 112.7550,
-22.0642, -16.4481

■ 108.8810,
-26.5633, -20.0666

■ 116.6290,
-17.5651, -12.8296

■ 105.3060,
-31.2099, -23.0704

■ 120.2040,
-12.9186, -9.8259

■ 101.4320,
-35.7090, -26.6889

■ 124.0780, -8.4195,
-6.2074

■ 97.5580, -40.2081,
-30.3074

■ 127.9520, -3.9203,
-2.5889

■ 93.9830, -44.8546,
-33.3111

■ 131.5270, 0.7262,
0.4148

■ 93.0430, -45.8702,
-34.2407

■ 135.5150, 5.6621,
3.9333

■ 139.3890, 10.1612,
7.5518

■ 143.2630, 14.6603,

11.1703

■ 146.8380, 19.3069,
14.1741

Harmonies

Analogous

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



116.5260, -31.3183, 11.8167



112.7550, -22.0642, -16.4481



104.3450, -3.6211, -52.0456

Triad

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



112.7550, -22.0642, -16.4481



97.1720, 42.3132, -85.2198



121.9620, -5.4043, 53.5303

Complementary

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



112.7550, -22.0642, -16.4481



86.2450, 22.0642, 16.4481

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.



123.5980, 10.0582, 40.6946



112.7550, -22.0642, -16.4481



117.6460, 33.6985, -28.6305

Square

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



112.7550, -22.0642, -16.4481



98.3000, 31.4041, -86.2091



124.2660, 23.5329, 12.0447



120.4550, -19.9443, 50.4670

Rectangle

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



112.7550, -22.0642, -16.4481



94.6860, 12.4798, -83.0396



124.2660, 23.5329, 12.0447



122.6180, -0.3047, 51.2010

Sweetspot

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



112.7550, -22.0642, -16.4481



164.0780, -8.4195, -6.2074



108.5560, -19.9941, 19.6834



82.5990, -5.2253, -4.0333



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.



112.7550, -22.0642, -16.4481



142.3720, -34.6934, -25.7592



105.5510, -16.0476, -32.9322



64.1200, -2.0312, -1.8592



92.4560, -45.5808, -33.7259



2.0600, -1.0156, -0.9296

Inverse Universe

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



86.2450, 22.0642, 16.4481



100.6280, 34.6934, 25.7592



93.4490, 16.0476, 32.9322



61.8800, 2.0312, 1.8592



37.5440, 45.5808, 33.7259



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 112.7550, -22.0642, -16.4481 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 112.7550, -22.0642, -16.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

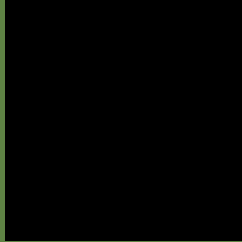
Any Text WCAG AA ✓ Pass

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 112.7550, -22.0642, -16.4481 Background



This preview shows how black text looks on a background with the YUV color 112.7550, -22.0642, -16.4481.



This preview shows how white text looks on a background with the YUV color 112.7550, -22.0642, -16.4481.

-16.4481.

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

112.7550, -22.0642, -16.4481

Protanopia

117.5030, -26.3770, 13.5909

Deuteranopia

119.3670, -23.3519, 23.3571



Tritanopia

119.1600, 7.3161, -13.2953

Trichromacy



Original Color

112.7550, -22.0642, -16.4481

Protanomaly

115.7790, -25.0340, 2.8248

Deuteranomaly

117.0940, -22.7243, 8.6876

Tritanomaly

116.9890, -3.4456, -14.8994

Monochromacy



Original Color

112.7550, -22.0642, -16.4481

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7550, -22.0642, -16.4481 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(94, 131, 68)` looks like.

```
.text, #text, p{  
    color:rgb(94, 131, 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(94, 131, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 68) }
```

Border

The CSS property to change the border of an element to YUV 112.7550, -22.0642, -16.4481 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(94, 131, 68) }
```


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

```
.border{ border-color:rgb(94, 131, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 131, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 131, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 131, 68);  
box-shadow:4px 4px 4px 4px rgb(94, 131,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 112.7550, -22.0642, -16.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 68) }
```

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

```
.background{ background-color: rgb(94, 131,  
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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