

Converting Colors

YUV(62.7120, -10.2110,
-38.3354)

Have a look what the booklet for
YUV(62.7120, -10.2110, -38.3354)
contains.

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Color

**YUV(62.7120, -10.2110,
-38.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	13592A
RGB	19, 89, 42
RGB Percent	7%, 35%, 16%
CMY	0.9255, 0.6510, 0.8353
CMYK	0.79, 0.00, 0.53, 0.65
HSL	140°, 65%, 21%
HSV	140°, 79%, 35%
XYZ	4.2589, 7.4504, 3.4041
YIQ	62.7120, -26.6330, -29.4570

Conversions

Conversions Part 2

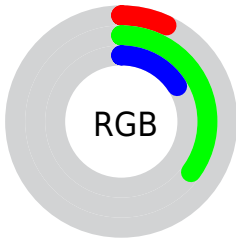
Format	Color
RYB	19, 72, 89
Decimal	1268010
CIELab	32.81, -32.80, 21.15
CIElCh	33, 39.029, 147.184
Yxy	7.4504, 0.2818, 0.4930
Android (android.graphics.Color)	4279458090 (0xFF13592A)
YUV	62.7120, -10.2110, -38.3354
Hunter-Lab	27.2954, -19.9158, 11.7125

Details

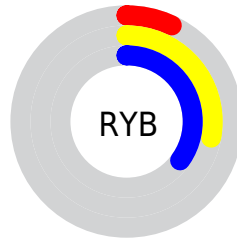
The YUV color **62.7120, -10.2110, -38.3354** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **45.2880, 10.2110, 38.3354**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3380, -12.9846, -35.3764**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **59.3370, -11.5051, -43.2685**, and if you desaturate by 10%, it is **66.0870, -8.9169, -33.4023**.

Distribution



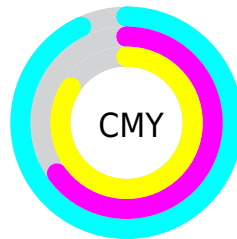
- Red (7%)
- Green (35%)
- Blue (16%)



- Red (7%)
- Yellow (28%)
- Blue (35%)



- Cyan (79%)
- Magenta (0%)
- Yellow (53%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7120, -10.2110, -38.3354 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 62.7120, -10.2110, -38.3354 by changing the saturation by 10% instead.

■ 62.7120, -10.2110,
-38.3354

■ 62.7120, -10.2110,
-38.3354

255.0000, 0.0000,
0.0000

■ 40.4350, -10.0745,
-35.4615

■ 114.3380,
-12.9846, -35.3764

■ 24.6540, -12.1544,
-21.6216

■ 140.2240,
-13.4214, -35.2764

■ 10.5660, -5.2090,
-9.2664

■ 167.6970,
-14.1476, -35.6913

■ 0.0000, 0.0000,
0.0000

■ 195.1700,
-14.8738, -36.1061

■ 223.4580,
-15.0158, -37.2357

■ 237.5550, -8.6546,

-24.1657

■ 249.2330, -0.1149,
-9.8513

■ 62.7120, -10.2110,
-38.3354

■ 62.7120, -10.2110,
-38.3354

■ 59.3370, -11.5051,
-43.2685

■ 66.0870, -8.9169,
-33.4023

■ 55.9620, -12.7993,
-48.2017

■ 69.4620, -7.6228,
-28.4692

■ 55.5490, -13.0887,
-48.7165

■ 72.8370, -6.3286,
-23.5360

■ 76.2120, -5.0345,
-18.6029

■ 79.5870, -3.7404,
-13.6698

■ 82.6630, -2.2989,
-9.3515

■ 86.0380, -1.0047,
-4.4183

■ 89.4130, 0.2894,
0.5148

■ 92.7880, 1.5835,
5.4479

Harmonies

Analogous

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



70.5670, -26.9015, -4.8823



62.7120, -10.2110, -38.3354



61.7390, 5.5517, -54.1451

Triad

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



62.7120, -10.2110, -38.3354



63.9800, 36.9849, -56.1105



74.9200, -11.7926, 49.1822

Complementary

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



62.7120, -10.2110, -38.3354



45.2880, 10.2110, 38.3354

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.



76.2800, 2.3270, 47.1124



62.7120, -10.2110, -38.3354



77.6660, 26.7867, -4.9691

Square

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



62.7120, -10.2110, -38.3354



66.9490, 30.5911, -58.7143



79.6010, 15.4797, 28.4139



75.1130, -24.7057, 37.6119

Rectangle

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



62.7120, -10.2110, -38.3354



64.7200, 14.4350, -56.7594



79.6010, 15.4797, 28.4139



74.8970, -6.8512, 50.9563

Sweetspot

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



62.7120, -10.2110, -38.3354



104.4620, -4.1718, -15.3142



74.4420, -27.3329, -6.5266



52.5490, -2.7357, -9.2515



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.



62.7120, -10.2110, -38.3354



74.3860, -15.9663, -59.0975



66.5880, 4.6401, -41.7347



41.4620, -0.7208, -2.1592



66.7990, -15.6769, -58.5827



146.7230, -34.3734, -128.6761

Inverse Universe

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



45.2880, 10.2110, 38.3354



47.5000, 15.5295, 59.1975



41.4120, -4.6401, 41.7347



40.5380, 0.7208, 2.1592



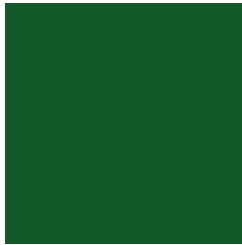
40.2010, 15.6769, 58.5827



88.2770, 34.3734, 128.6761

Previews

White Background



This preview shows how the YUV color 62.7120, -10.2110, -38.3354 looks on a white background.

Color Contrast Check

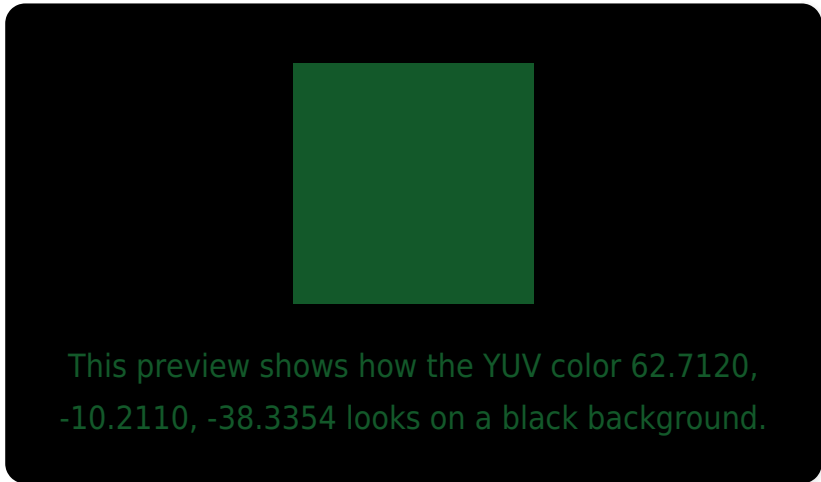
Large Text (above 18pt) WCAG AA ✓ Pass

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

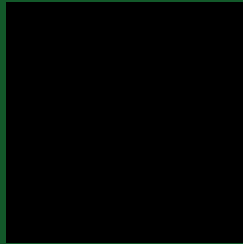
Any Text WCAG AA × Fail

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 62.7120, -10.2110, -38.3354 Background



This preview shows how black text looks on a background with the YUV color 62.7120, -10.2110, -38.3354.



This preview shows how white text looks on a background with the YUV color 62.7120, -10.2110,

-38.3354.

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

62.7120, -10.2110, -38.3354

Protanopia

74.9460, -18.2144, 8.8174

Deuteranopia

76.4890, -15.0311, 14.4801



Tritanopia

71.0440, 9.8383, -28.9796

Trichromacy



Original Color

62.7120, -10.2110, -38.3354

Protanomaly

70.2320, -15.3974, -8.0965

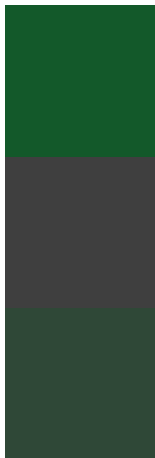
Deuteranomaly

71.2370, -12.9348, -4.5928

Tritanomaly

68.0730, 2.4290, -32.5130

Monochromacy



Original Color

62.7120, -10.2110, -38.3354

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.5870, -3.7404, -13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7120, -10.2110, -38.3354 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(19, 89, 42)` looks like.

```
.text, #text, p{  
    color:rgb(19, 89, 42)  
}
```

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(19, 89, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 89, 42) }
```

Border

The CSS property to change the border of an element to YUV 62.7120, -10.2110, -38.3354 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(19, 89, 42) }
```


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

```
.border{ border-color:rgb(19, 89, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 89, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 89, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 89, 42);  
box-shadow:4px 4px 4px 4px rgb(19, 89, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.7120, -10.2110, -38.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 89, 42) }
```

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

```
.background{ background-color: rgb(19, 89,  
42) }
```

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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