

Converting Colors

YUV(121.9860, -32.5311,
-19.2817)

Have a look what the booklet for
YUV(121.9860, -32.5311, -19.2817)
contains.

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Color

**YUV(121.9860, -32.5311,
-19.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	649238
RGB	100, 146, 56
RGB Percent	39%, 57%, 22%
CMY	0.6078, 0.4275, 0.7804
CMYK	0.32, 0.00, 0.62, 0.43
HSL	91°, 45%, 40%
HSV	91°, 62%, 57%
XYZ	16.2482, 23.5526, 7.4311
YIQ	121.9860, 1.4740, -37.7420

Conversions

Conversions Part 2

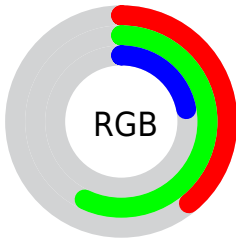
Format	Color
RYB	56, 146, 102
Decimal	6591032
CIELab	55.64, -31.28, 41.78
CIELCh	56, 52.193, 126.824
Yxy	23.5526, 0.3440, 0.4987
Android (android.graphics.Color)	4284781112 (0xFF649238)
YUV	121.9860, -32.5311, -19.2817
Hunter-Lab	48.5310, -25.1674, 24.8932

Details

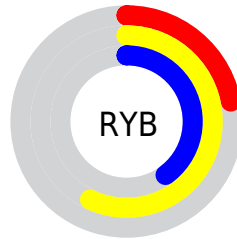
The YUV color **121.9860, -32.5311, -19.2817** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80.0140, 32.5311, 19.2817**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6440, -33.8415, -18.9818**, and **70.1170, -34.5677, -19.3966** is the 20% darker color. If you saturate the color by 10%, you get **118.1830, -38.0512, -22.0855**, and if you desaturate by 10%, it is **125.7890, -27.0110, -16.4780**.

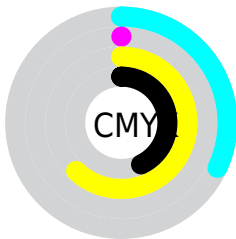
Distribution



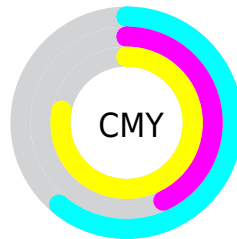
- Red (39%)
- Green (57%)
- Blue (22%)



- Red (22%)
- Yellow (57%)
- Blue (40%)



- Cyan (32%)
- Magenta (0%)
- Yellow (62%)
- Black (43%)



- Cyan (61%)
- Magenta (43%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9860, -32.5311, -19.2817 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 121.9860, -32.5311, -19.2817 by changing the saturation by 10% instead.

■ 121.9860,
-32.5311, -19.2817

■ 121.9860,
-32.5311, -19.2817

■ 255.0000, 0.0000,
0.0000

■ 96.1000, -32.0943,
-19.3817

■ 175.6440,
-33.8415, -18.9818

■ 70.1170, -34.5677,
-19.3966

■ 203.1170,
-34.5677, -19.3966

■ 48.2550, -23.7897,
-23.0256

■ 230.6010,
-35.2993, -18.0671

■ 28.1760, -13.8908,
-24.7104

■ 242.1650,
-27.1963, -3.6527

■ 16.4360, -8.1029,
-14.4144

■ 250.4400,
-17.4719, 3.9991

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,

1.0998

■ 121.9860,
-32.5311, -19.2817

■ 121.9860,
-32.5311, -19.2817

■ 118.1830,
-38.0512, -22.0855

■ 125.7890,
-27.0110, -16.4780

■ 114.1950,
-42.9871, -25.6040

■ 129.7770,
-22.0751, -12.9594

■ 110.3920,
-48.5073, -28.4078

■ 133.5800,
-16.5549, -10.1557

■ 106.9310,
-52.7170, -31.5115

■ 137.5680,
-11.6190, -6.6371

■ 141.3710, -6.0989,
-3.8334

■ 145.4730, -0.7262,
-0.4148

■ 149.1620, 4.3571,
2.4889

■ 153.2640, 9.7298,
5.9075

■ 156.9530, 14.8132,
8.8112

Harmonies

Analogous

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



126.9000, -45.3067, 18.5047



121.9860, -32.5311, -19.2817



101.6520, -2.7864, -86.5178

Triad

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



121.9860, -32.5311, -19.2817



110.9130, 51.8079, -97.2707



132.2510, -3.5747, 73.4479

Complementary

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



121.9860, -32.5311, -19.2817



80.0140, 32.5311, 19.2817

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.



136.0970, 16.7142, 52.5349



121.9860, -32.5311, -19.2817



122.0090, 49.7886, -56.1359

Square

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



121.9860, -32.5311, -19.2817



111.6020, 36.6782, -97.8750



136.7140, 34.1580, 10.7748



131.3110, -24.8033, 69.0103

Rectangle

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



121.9860, -32.5311, -19.2817



105.4630, 10.6177, -92.4911



136.7140, 34.1580, 10.7748



133.3520, 3.2775, 68.9743

Sweetspot

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



121.9860, -32.5311, -19.2817



179.7420, -12.1978, -7.6667



109.3250, -26.2892, 32.1640



88.7300, -7.2619, -4.1482



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.9860, -32.5311, -19.2817



151.5120, -50.5384, -30.2670



108.8300, -26.0452, -46.3319



72.0060, -2.4680, -1.7593



101.0390, -49.8122, -29.8522



7.3650, -3.6309, -2.0741

Inverse Universe

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



80.0140, 32.5311, 19.2817



86.1890, 50.6858, 29.6522



93.1700, 26.0452, 46.3319



68.6950, 2.6154, 1.1445



36.6620, 49.9596, 29.2374



2.6350, 3.6309, 2.0741

Previews

White Background



This preview shows how the YUV color 121.9860, -32.5311, -19.2817 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 121.9860, -32.5311, -19.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

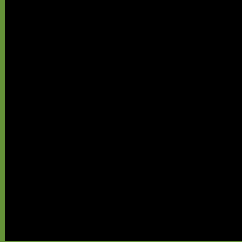
Any Text WCAG AA ✓ Pass

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 121.9860, -32.5311, -19.2817 Background



This preview shows how black text looks on a background with the YUV color 121.9860, -32.5311, -19.2817.



This preview shows how white text looks on a background with the YUV color 121.9860, -32.5311, -19.2817.

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

121.9860, -32.5311, -19.2817

Protanopia

128.2510, -37.5917, 17.3199

Deuteranopia

130.0660, -33.5565, 29.7601



Tritanopia

131.0780, 8.3425, -15.8544

Trichromacy



Original Color

121.9860, -32.5311, -19.2817

Protanomaly

126.2170, -36.0960, 4.1947

Deuteranomaly

127.0700, -33.0655, 12.2166

Tritanomaly

127.5820, -6.2029, -17.1734

Monochromacy



Original Color

121.9860, -32.5311, -19.2817

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1550, -11.9084, -7.1519

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9860, -32.5311, -19.2817 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, 146, 56)` looks like.

```
.text, #text, p{  
    color:rgb(100, 146, 56)  
}
```

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, 146, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 146, 56) }
```

Border

The CSS property to change the border of an element to YUV 121.9860, -32.5311, -19.2817 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, 146, 56) }
```


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

```
.border{ border-color:rgb(100, 146, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 146, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 146, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 146, 56);  
box-shadow:4px 4px 4px 4px rgb(100, 146,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 121.9860, -32.5311, -19.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 146, 56) }
```

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

```
.background{ background-color: rgb(100,  
146, 56) }
```

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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