

Converting Colors

YUV(95.6230, -11.6461, 2.0846)

Have a look what the booklet for
YUV(95.6230, -11.6461, 2.0846)
contains.

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Color

**YUV(95.6230, -11.6461,
2.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	626348
RGB	98, 99, 72
RGB Percent	38%, 39%, 28%
CMY	0.6157, 0.6118, 0.7176
CMYK	0.01, 0.00, 0.27, 0.61
HSL	62°, 16%, 34%
HSV	62°, 27%, 39%
XYZ	10.6685, 11.9882, 7.8826
YIQ	95.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

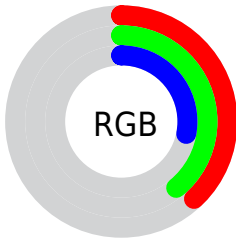
Format	Color
R_{YB}	72, 99, 73
Decimal	6447944
CIE _{Lab}	41.20, -5.35, 15.26
CIE _{LCh}	41, 16.172, 109.321
Yxy	11.9882, 0.3493, 0.3926
Android (android.graphics.Color)	4284638024 (0xFF626348)
YUV	95.6230, -11.6461, 2.0846
Hunter-Lab	34.6240, -5.5917, 10.7388

Details

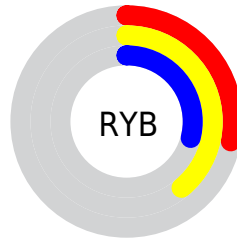
The YUV color **95.6230, -11.6461, 2.0846** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.3770, 11.6461, -2.0846**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3950, -12.5197, 2.2846**, and **49.5520, -10.6251, 1.2699** is the 20% darker color. If you saturate the color by 10%, you get **94.4830, -16.0141, 3.0844**, and if you desaturate by 10%, it is **96.7630, -7.2782, 1.0848**.

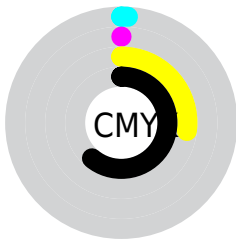
Distribution



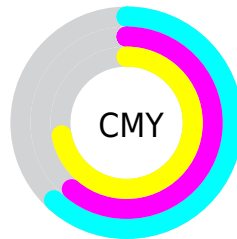
- Red (38%)
- Green (39%)
- Blue (28%)



- Red (28%)
- Yellow (39%)
- Blue (29%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6230, -11.6461, 2.0846 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 95.6230, -11.6461, 2.0846 by changing the saturation by 10% instead.

■ 95.6230, -11.6461,
2.0846

■ 95.6230, -11.6461,
2.0846

■ 255.0000, 0.0000,
0.0000

■ 71.7370, -11.2093,
1.9847

■ 146.3950,
-12.5197, 2.2846

■ 49.5520, -10.6251,
1.2699

■ 172.5800,
-13.1039, 2.9993

■ 27.5090, -12.0829,
2.1846

■ 200.1670,
-13.3933, 2.4845

■ 4.6960, -2.3151,
-4.1184

■ 228.3520,
-13.9775, 3.1993

■ 0.0000, 0.0000,
0.0000

■ 252.0360,
-11.3567, 2.5994

■ 95.6230, -11.6461,
2.0846

■ 95.6230, -11.6461,
2.0846

■ 94.4830, -16.0141,
3.0844

■ 96.7630, -7.2782,
1.0848

■ 93.0440, -20.2347,
3.4694

■ 98.2020, -3.0576,
0.6998

■ 91.9040, -24.6027,
4.4692

■ 99.3420, 1.3104,
-0.2999

■ 90.7640, -28.9707,
5.4690

■ 100.4820, 5.6784,
-1.2997

■ 89.3250, -33.1912,
5.8540

■ 101.9210, 9.8989,
-1.6847

■ 88.2990, -37.1224,
6.7538

■ 102.9470, 13.8301,
-2.5845

■ 86.8600, -41.3430,
7.1388

■ 104.3860, 18.0507,
-2.9695

■ 86.5180, -42.6534,

■ 105.5260, 22.4187,

7.4387

-3.9693

■ 106.6660, 26.7867,
-4.9691

Harmonies

Analogous

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



97.0480, -12.8417, 12.2359



95.6230, -11.6461, 2.0846



93.8110, -6.8088, -9.4812

Triad

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



95.6230, -11.6461, 2.0846



92.0380, 12.3063, -27.2203



99.4630, 1.2507, 18.8879

Complementary

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



95.6230, -11.6461, 2.0846



75.3770, 11.6461, -2.0846

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.



99.4170, 7.6824, 9.2813



95.6230, -11.6461, 2.0846



95.1470, 13.7315, -17.6689

Square

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



95.6230, -11.6461, 2.0846



91.2460, 6.7807, -28.2797



97.4800, 12.0884, -3.9290



98.8780, -4.8699, 22.0320

Rectangle

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



95.6230, -11.6461, 2.0846



92.7930, -2.8559, -17.3585



97.4800, 12.0884, -3.9290



99.7230, 3.5876, 16.0289

Sweetspot

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



95.6230, -11.6461, 2.0846



126.4470, -4.6574, 0.4850



80.6600, -4.2694, 16.0842



63.2020, -3.0576, 0.6998



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



95.6230, -11.6461, 2.0846



122.5000, -18.4875, 3.0695



91.7360, -9.7298, -5.9075



47.5440, -1.7472, 0.3999



98.0360, -48.3317, 8.7384



209.9490, -103.5049, 18.4617

Inverse Universe

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



75.3770, 11.6461, -2.0846



90.5000, 18.4875, -3.0695



79.2640, 9.7298, 5.9075



44.4560, 1.7472, -0.3999



13.9640, 48.3317, -8.7384



30.0510, 103.5049, -18.4617

Previews

White Background



This preview shows how the YUV color 95.6230, -11.6461, 2.0846 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 95.6230, -11.6461, 2.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

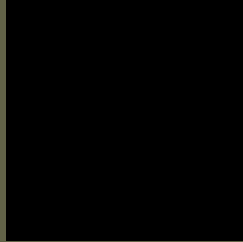
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

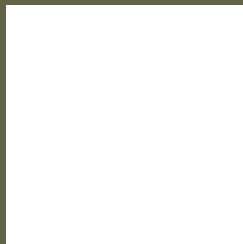
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.6230, -11.6461, 2.0846

Background



This preview shows how black text looks on a background with the YUV color 95.6230, -11.6461, 2.0846.



This preview shows how white text looks on a background with the YUV color 95.6230, -11.6461,

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

95.6230, -11.6461, 2.0846

Protanopia

96.1290, -12.3886, 6.9029

Deuteranopia

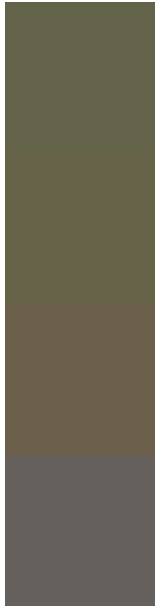
96.9990, -11.8315, 14.9099



Tritanopia

97.8910, 2.0257, 3.6036

Trichromacy



Original Color

95.6230, -11.6461, 2.0846

Protanomaly

96.1180, -12.3832, 5.1585

Deuteranomaly

96.3790, -11.5258, 10.1916

Tritanomaly

96.9250, -2.9210, 3.5738

Monochromacy



Original Color

95.6230, -11.6461, 2.0846

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6230, -11.6461, 2.0846 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(98, 99, 72)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 72)  
}
```

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(98, 99, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 72) }
```

Border

The CSS property to change the border of an element to YUV 95.6230, -11.6461, 2.0846 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(98, 99, 72) }
```


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

```
.border{ border-color:rgb(98, 99, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 99, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 72);  
box-shadow:4px 4px 4px 4px rgb(98, 99, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.6230, -11.6461, 2.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 72) }
```

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

```
.background{ background-color: rgb(98, 99,  
72) }
```

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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