

Converting Colors

YUV(106.6820, -31.3952,
-10.2451)

Have a look what the booklet for
YUV(106.6820, -31.3952, -10.2451)
contains.

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Color

**YUV(106.6820, -31.3952,
-10.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7D2B
RGB	95, 125, 43
RGB Percent	37%, 49%, 17%
CMY	0.6275, 0.5098, 0.8314
CMYK	0.24, 0.00, 0.66, 0.51
HSL	82°, 49%, 33%
HSV	82°, 66%, 49%
XYZ	12.4890, 17.2745, 4.9616
YIQ	106.6820, 8.4420, -31.8620

Conversions

Conversions Part 2

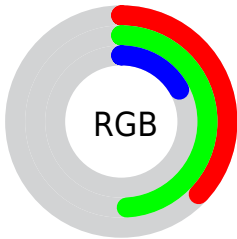
Format	Color
R_{YB}	43, 125, 73
Decimal	6257963
CIE _{Lab}	48.60, -24.27, 39.95
CIE _{LCh}	49, 46.746, 121.280
Y _{xy}	17.2745, 0.3597, 0.4975
Android (android.graphics.Color)	4284448043 (0xFF5F7D2B)
YUV	106.6820, -31.3952, -10.2451
Hunter-Lab	41.5627, -19.0980, 22.0161

Details

The YUV color **106.6820, -31.3952, -10.2451** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **61.3180, 31.3952, 10.2451**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3400, -32.7056, -9.9452**, and **58.0670, -28.6270, -11.4598** is the 20% darker color. If you saturate the color by 10%, you get **103.8190, -35.8998, -12.1193**, and if you desaturate by 10%, it is **109.6590, -26.4539, -8.4709**.

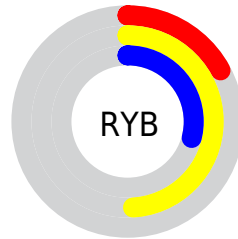
Distribution



Red (37%)

Green (49%)

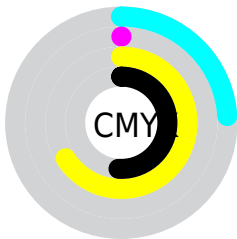
Blue (17%)



Red (17%)

Yellow (49%)

Blue (29%)

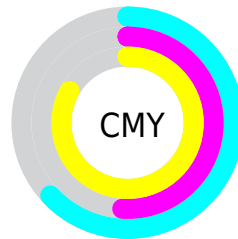


Cyan (24%)

Magenta (0%)

Yellow (66%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6820, -31.3952, -10.2451 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 106.6820, -31.3952, -10.2451 by changing the saturation by 10% instead.

■ 106.6820,
-31.3952, -10.2451

■ 106.6820,
-31.3952, -10.2451

■ 255.0000, 0.0000,
0.0000

■ 81.5680, -31.8320,
-10.1451

■ 159.3400,
-32.7056, -9.9452

■ 58.0670, -28.6270,
-11.4598

■ 186.1120,
-33.5792, -9.7452

■ 37.0910, -18.2859,
-14.9888

■ 214.5850,
-34.3054, -10.1600

■ 19.3710, -9.5499,
-16.9884

■ 238.6610,
-32.8639, -5.8417

■ 0.0000, 0.0000,
0.0000

■ 248.6160,
-24.4607, 5.5988

■ 251.9220,

-11.7935, 2.6994

■ 106.6820,
-31.3952, -10.2451

■ 106.6820,
-31.3952, -10.2451

■ 103.8190,
-35.8998, -12.1193

■ 109.6590,
-26.4539, -8.4709

■ 101.1410,
-40.9885, -13.2787

■ 112.2230,
-21.8019, -7.2116

■ 98.2780, -45.4931,
-15.1528

■ 115.2000,
-16.8606, -5.4374

■ 96.9960, -47.8190,
-15.7825

■ 117.7640,
-12.2087, -4.1780

■ 120.7410, -7.2673,
-2.4039

■ 123.3050, -2.6154,
-1.1445

■ 126.2820, 2.3260,
0.6297

■ 129.1450, 6.8305,
2.5038

■ 131.7090, 11.4825,
3.7632

Harmonies

Analogous

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



110.7030, -39.7866, 21.3085



106.6820, -31.3952, -10.2451



96.6130, -10.1622, -54.0346

Triad

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



106.6820, -31.3952, -10.2451



96.6990, 43.0394, -84.8050



115.0970, -0.0478, 62.1819

Complementary

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



106.6820, -31.3952, -10.2451



61.3180, 31.3952, 10.2451

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.



118.5470, 17.4783, 40.7393



106.6820, -31.3952, -10.2451



96.2690, 48.6744, -72.1499

Square

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



106.6820, -31.3952, -10.2451



96.3280, 28.9253, -84.4797



117.4910, 32.2959, 1.3234



113.9880, -18.2351, 62.2775

Rectangle

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



106.6820, -31.3952, -10.2451



90.2860, 5.7750, -79.1808



117.4910, 32.2959, 1.3234



116.3720, 6.2256, 56.6788

Sweetspot

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



106.6820, -31.3952, -10.2451



155.7640, -12.2087, -4.1780



84.5410, -20.4797, 35.4825



77.3280, -7.5567, -2.9187



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.6820, -31.3952, -10.2451



134.2410, -49.4188, -15.9974



94.7220, -25.4989, -34.8362



62.3050, -2.6154, -1.1445



99.3550, -48.9820, -16.0973



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.3180, 31.3952, 10.2451



62.7590, 49.4188, 15.9974



73.2780, 25.4989, 34.8362



58.6950, 2.6154, 1.1445



28.6450, 48.9820, 16.0973



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.6820, -31.3952, -10.2451 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 106.6820, -31.3952, -10.2451 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 106.6820, -31.3952, -10.2451 Background



This preview shows how black text looks on a background with the YUV color 106.6820, -31.3952, -10.2451.



This preview shows how white text looks on a background with the YUV color 106.6820, -31.3952, -10.2451.

-10.2451.

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

106.6820, -31.3952, -10.2451

Protanopia

110.6360, -34.8235, 16.1052

Deuteranopia

112.2120, -31.6565, 27.0011



Tritanopia

114.4380, 5.7001, -8.2771

Trichromacy



Original Color

106.6820, -31.3952, -10.2451

Protanomaly

109.5100, -33.7754, 6.5687

Deuteranomaly

110.4230, -31.7605, 13.6610

Tritanomaly

111.5830, -7.6824, -9.2813

Monochromacy



Original Color

106.6820, -31.3952, -10.2451

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2910, -11.4825, -3.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6820, -31.3952, -10.2451 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(95, 125, 43)` looks like.

```
.text, #text, p{  
    color:rgb(95, 125, 43)  
}
```

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(95, 125, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 125, 43) }
```

Border

The CSS property to change the border of an element to YUV 106.6820, -31.3952, -10.2451 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(95, 125, 43) }
```


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

```
.border{ border-color:rgb(95, 125, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 125, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 125, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 125, 43);  
box-shadow:4px 4px 4px 4px rgb(95, 125,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 106.6820, -31.3952, -10.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 125, 43) }
```

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

```
.background{ background-color: rgb(95, 125,  
43) }
```

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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