

Converting Colors

YUV(89.3550, 8.2060, -18.7283)

Have a look what the booklet for
YUV(89.3550, 8.2060, -18.7283)
contains.

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Color

**YUV(89.3550, 8.2060,
-18.7283)**

Conversions

Conversions Part 1

Format	Color
Hex	44616A
RGB	68, 97, 106
RGB Percent	27%, 38%, 42%
CMY	0.7333, 0.6196, 0.5843
CMYK	0.36, 0.08, 0.00, 0.58
HSL	194°, 22%, 34%
HSV	194°, 36%, 42%
XYZ	9.2601, 10.8189, 15.2359
YIQ	89.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

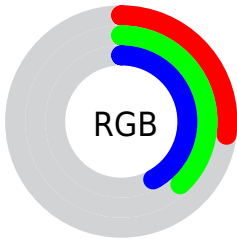
Format	Color
R_{YB}	68, 84, 106
Decimal	4481386
CIE _{Lab}	39.27, -8.18, -8.53
CIE _{LCh}	39, 11.819, 226.216
Yxy	10.8189, 0.2622, 0.3064
Android (android.graphics.Color)	4282671466 (0xFF44616A)
YUV	89.3550, 8.2060, -18.7283
Hunter-Lab	32.8922, -7.3083, -4.4390

Details

The YUV color **89.3550, 8.2060, -18.7283** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.6450, -8.2060, 18.7283**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0560, 8.3534, -19.3431**, and **42.9420, 7.9166, -19.2431** is the 20% darker color. If you saturate the color by 10%, you get **84.3050, 10.6956, -23.9465**, and if you desaturate by 10%, it is **94.4050, 5.7163, -13.5102**.

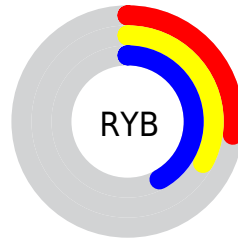
Distribution



Red (27%)

Green (38%)

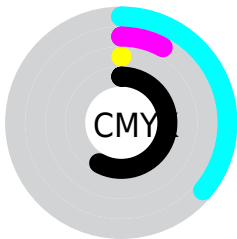
Blue (42%)



Red (27%)

Yellow (33%)

Blue (42%)

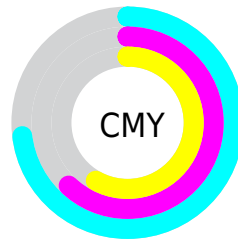


Cyan (36%)

Magenta (8%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3550, 8.2060, -18.7283 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 89.3550, 8.2060, -18.7283 by changing the saturation by 10% instead.

■ 89.3550, 8.2060,
-18.7283

■ 89.3550, 8.2060,
-18.7283

■ 255.0000, 0.0000,
0.0000

■ 65.3550, 8.2060,
-18.7283

■ 140.0560, 8.3534,
-19.3431

■ 42.9420, 7.9166,
-19.2431

■ 166.1700, 8.7902,
-19.4431

■ 21.8280, 7.4798,
-19.1432

■ 193.8710, 8.9376,
-20.0579

■ 2.4110, 6.6994,
-2.1144

■ 221.5720, 9.0850,
-20.6726

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,
-17.8285

■ 89.3550, 8.2060,
-18.7283

■ 89.3550, 8.2060,
-18.7283

■ 84.3050, 10.6956,
-23.9465

■ 94.4050, 5.7163,
-13.5102

■ 80.1410, 12.7485,
-29.0647

■ 98.5690, 3.6635,
-8.3920

■ 75.0910, 15.2381,
-34.2828

■ 103.6190, 1.1738,
-3.1739

■ 70.9270, 17.2910,
-39.4010

■ 107.7830, -0.8790,
1.9443

■ 65.8770, 19.7806,
-44.6191

■ 112.8330, -3.3687,
7.1625

■ 61.4140, 21.9809,
-50.3521

■ 117.2960, -5.5689,
12.8954

■ 59.6310, 22.8599,
-52.2964

■ 122.0470, -7.9112,
17.4988

■ 126.5100,

-10.1114, 23.2317

■ 131.2610,
-12.4537, 27.8351

Harmonies

Analogous

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



88.6170, 4.1328, -18.9581



89.3550, 8.2060, -18.7283



91.1430, 9.7895, -13.2804

Triad

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



89.3550, 8.2060, -18.7283



94.1310, 1.4144, 13.0401



91.7200, -8.7360, 1.9996

Complementary

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



89.3550, 8.2060, -18.7283



84.6450, -8.2060, 18.7283

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.



92.3620, -9.0525, 10.2065



89.3550, 8.2060, -18.7283



94.3010, -3.1064, 16.3990

Square

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



89.3550, 8.2060, -18.7283



93.9390, 5.9461, 6.1925



93.2640, -7.0322, 15.5545



90.1750, -5.5093, -6.2925

Rectangle

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



89.3550, 8.2060, -18.7283



92.3610, 9.1890, -7.3326



93.2640, -7.0322, 15.5545



91.6280, -9.1836, 5.5882

Sweetspot

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



89.3550, 8.2060, -18.7283



131.1670, 3.3687, -7.1625



91.3320, -7.0657, -20.4622



65.1350, 1.9054, -4.5034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



89.3550, 8.2060, -18.7283



111.8420, 12.8959, -29.6794



78.2020, 13.7044, -8.9472



51.0320, 1.4632, -2.6591



66.1680, 25.0602, -58.0293



137.6990, 52.8994, -120.7620

Inverse Universe

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



82.6680, 7.0657, 20.4622



101.1840, 11.2483, 32.2876



95.7980, -13.7044, 8.9472



50.2500, 0.8628, 3.2887



45.2430, 22.0652, 62.9309



94.5730, 45.5665, 131.9245

Previews

White Background



This preview shows how the YUV color 89.3550, 8.2060, -18.7283 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 89.3550, 8.2060, -18.7283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

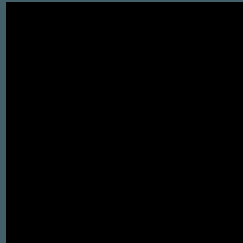
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3550, 8.2060, -18.7283

Background



This preview shows how black text looks on a background with the YUV color 89.3550, 8.2060, -18.7283.



This preview shows how white text looks on a background with the YUV color 89.3550, 8.2060, -18.7283.

-18.7283.

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

89.3550, 8.2060, -18.7283

Protanopia

92.9550, 4.9522, -1.7145

Deuteranopia

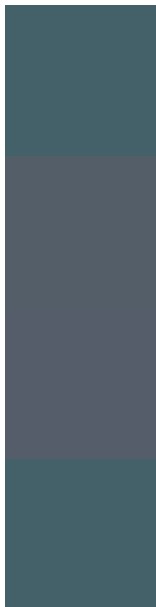
93.1340, 6.8359, 0.7595



Tritanopia

89.2410, 7.7692, -18.6284

Trichromacy



Original Color

89.3550, 8.2060, -18.7283

Protanomaly

91.8510, 5.9895, -7.7623

Deuteranomaly

92.2040, 7.2944, -6.3179

Tritanomaly

89.2410, 7.7692, -18.6284

Monochromacy



Original Color

89.3550, 8.2060, -18.7283

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3550, 8.2060, -18.7283 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(68, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(68, 97, 106)  
}
```

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(68, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 97, 106) }
```

Border

The CSS property to change the border of an element to YUV 89.3550, 8.2060, -18.7283 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(68, 97, 106) }
```


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

```
.border{ border-color:rgb(68, 97, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 97, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(68, 97,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 89.3550, 8.2060, -18.7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 97, 106) }
```

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

```
.background{ background-color: rgb(68, 97,  
106) }
```

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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