

Converting Colors

YUV(86.3110, 8.2277, -25.7057)

Have a look what the booklet for
YUV(86.3110, 8.2277, -25.7057)
contains.

YUV(86.3110, 8.2277, -25.7057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.3110, 8.2277,
-25.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	396267
RGB	57, 98, 103
RGB Percent	22%, 38%, 40%
CMY	0.7765, 0.6157, 0.5961
CMYK	0.45, 0.05, 0.00, 0.60
HSL	187°, 29%, 31%
HSV	187°, 45%, 40%
XYZ	8.5032, 10.5845, 14.4268
YIQ	86.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

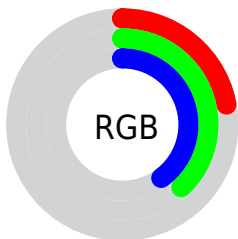
Format	Color
RYB	57, 79, 103
Decimal	3760743
CIELab	38.87, -12.89, -7.35
CIElCh	39, 14.842, 209.704
Yxy	10.5845, 0.2537, 0.3158
Android (android.graphics.Color)	4281950823 (0xFF396267)
YUV	86.3110, 8.2277, -25.7057
Hunter-Lab	32.5338, -10.2805, -3.5179

Details

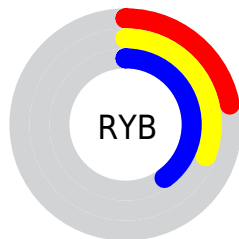
The YUV color **86.3110, 8.2277, -25.7057** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.6890, -8.2277, 25.7057**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0120, 8.3751, -26.3205**, and **37.5170, 9.1121, -29.3944** is the 20% darker color. If you saturate the color by 10%, you get **82.7340, 9.9911, -31.3387**, and if you desaturate by 10%, it is **89.8880, 6.4642, -20.0728**.

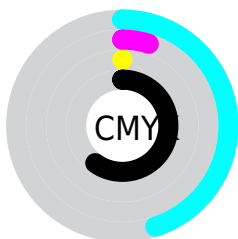
Distribution



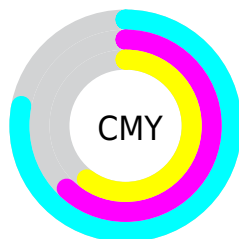
- Red (22%)
- Green (38%)
- Blue (40%)



- Red (22%)
- Yellow (31%)
- Blue (40%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3110, 8.2277, -25.7057 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 86.3110, 8.2277, -25.7057 by changing the saturation by 10% instead.

■ 86.3110, 8.2277,
-25.7057

■ 86.3110, 8.2277,
-25.7057

■ 255.0000, 0.0000,
0.0000

■ 62.0120, 8.3751,
-26.3205

■ 137.0120, 8.3751,
-26.3205

■ 37.5170, 9.1121,
-29.3944

■ 163.1260, 8.8119,
-26.4205

■ 21.6000, 6.6062,
-18.9432

■ 190.7130, 8.5225,
-26.9353

■ 2.0690, 5.3890,
-1.8145

■ 218.5280, 9.1067,
-27.6501

■ 0.0000, 0.0000,
0.0000

■ 243.0400, 5.8963,
-24.5911

■ 251.7110, 1.6215,

-6.7625

■ 86.3110, 8.2277,
-25.7057

■ 86.3110, 8.2277,
-25.7057

■ 82.7340, 9.9911,
-31.3387

■ 89.8880, 6.4642,
-20.0728

■ 78.8580, 11.9020,
-37.5865

■ 93.7640, 4.5533,
-13.8250

■ 75.2810, 13.6655,
-43.2194

■ 97.3410, 2.7899,
-8.1921

■ 71.7040, 15.4289,
-48.8524

■ 100.9180, 1.0264,
-2.5591

■ 67.2410, 17.6292,
-54.5854

■ 105.3810, -1.1738,
3.1739

■ 65.7460, 18.3662,
-57.6592

■ 108.9580, -2.9373,
8.8068

■ 112.5350, -4.7008,
14.4398

■ 116.1120, -6.4642,
20.0728

■ 119.9880, -8.3751,
26.3205

Harmonies

Analogous

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



86.4380, 2.2491, -21.4321



86.3110, 8.2277, -25.7057



87.9570, 11.8532, -21.8873

Triad

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



86.3110, 8.2277, -25.7057



93.7440, 5.0562, 11.6255



91.3680, -11.5204, 8.4473

Complementary

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



86.3110, 8.2277, -25.7057



73.6890, -8.2277, 25.7057

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.



92.3520, -10.5265, 16.3543



86.3110, 8.2277, -25.7057



93.5940, -0.7858, 18.7731

Square

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



86.3110, 8.2277, -25.7057



92.2310, 9.7461, 0.6744



93.1120, -6.4642, 20.0728



89.4700, -9.5987, -1.2892

Rectangle

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



86.3110, 8.2277, -25.7057



89.8160, 12.4157, -15.6246



93.1120, -6.4642, 20.0728



91.0910, -11.3839, 11.3212

Sweetspot

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



86.3110, 8.2277, -25.7057



128.7430, 3.0847, -9.4216



84.5720, -11.1280, -24.1806



65.1240, 1.9109, -6.2477



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.



86.3110, 8.2277, -25.7057



108.4770, 13.0758, -40.7603



72.8100, 14.8837, -13.8654



48.9180, 1.0264, -2.5591



72.9840, 20.7139, -64.0070



154.3800, 43.1967, -135.3913

Inverse Universe

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



75.4280, 11.1280, 24.1806



91.2370, 17.6312, 38.3802



87.1900, -14.8837, 13.8654



47.9510, 1.0102, 2.6740



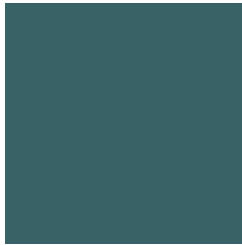
46.0130, 27.6016, 60.5016



96.9820, 58.6759, 127.1808

Previews

White Background



This preview shows how the YUV color 86.3110, 8.2277, -25.7057 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 86.3110, 8.2277, -25.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

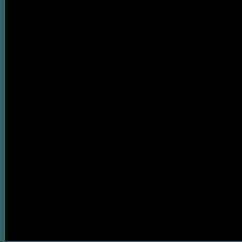
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 86.3110, 8.2277, -25.7057

Background



This preview shows how black text looks on a background with the YUV color 86.3110, 8.2277, -25.7057.



This preview shows how white text looks on a background with the YUV color 86.3110, 8.2277, -25.7057.

-25.7057.

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

86.3110, 8.2277, -25.7057

Protanopia

91.7980, 3.0576, -0.6998

Deuteranopia

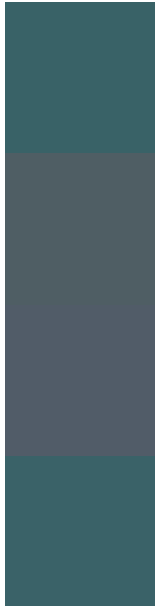
92.3190, 6.2517, 1.4742



Tritanopia

86.8380, 8.9539, -25.2909

Trichromacy



Original Color

86.3110, 8.2277, -25.7057

Protanomaly

90.1990, 4.8319, -9.8215

Deuteranomaly

90.0790, 6.8631, -7.9623

Tritanomaly

86.7240, 8.5171, -25.1909

Monochromacy



Original Color

86.3110, 8.2277, -25.7057

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7430, 3.0847, -9.4216

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3110, 8.2277, -25.7057 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(57, 98, 103)` looks like.

```
.text, #text, p{  
    color:rgb(57, 98, 103)  
}
```

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(57, 98, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 98, 103) }
```

Border

The CSS property to change the border of an element to YUV 86.3110, 8.2277, -25.7057 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(57, 98, 103) }
```


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

```
.border{ border-color:rgb(57, 98, 103) }
```

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

Here you see how a box with a 4 pixel rgb(57, 98, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 98, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 98, 103);  
box-shadow:4px 4px 4px 4px rgb(57, 98,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 86.3110, 8.2277, -25.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 98, 103) }
```

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

```
.background{ background-color: rgb(57, 98,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor