

Converting Colors

YUV(86.7350, 8.5116, -23.4466)

Have a look what the booklet for
YUV(86.7350, 8.5116, -23.4466)
contains.

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Color

**YUV(86.7350, 8.5116,
-23.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6168
RGB	60, 97, 104
RGB Percent	24%, 38%, 41%
CMY	0.7647, 0.6196, 0.5922
CMYK	0.42, 0.07, 0.00, 0.59
HSL	190°, 27%, 32%
HSV	190°, 42%, 41%
XYZ	8.6369, 10.5095, 14.6700
YIQ	86.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

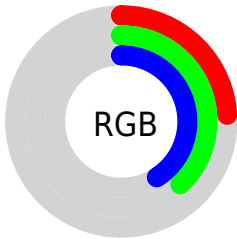
Format	Color
RYB	60, 80, 104
Decimal	3957096
CIELab	38.74, -11.17, -8.15
CIELCh	39, 13.823, 216.118
Yxy	10.5095, 0.2554, 0.3108
Android (android.graphics.Color)	4282147176 (0xFF3C6168)
YUV	86.7350, 8.5116, -23.4466
Hunter-Lab	32.4184, -9.1765, -4.1371

Details

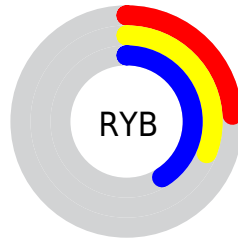
The YUV color **86.7350, 8.5116, -23.4466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.2650, -8.5116, 23.4466**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4360, 8.6591, -24.0614**, and **39.4250, 8.6645, -25.8057** is the 20% darker color. If you saturate the color by 10%, you get **82.5710, 10.5645, -28.5648**, and if you desaturate by 10%, it is **90.8990, 6.4588, -18.3284**.

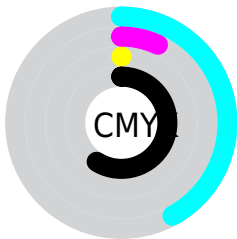
Distribution



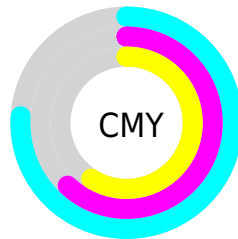
- Red (24%)
- Green (38%)
- Blue (41%)



- Red (24%)
- Yellow (31%)
- Blue (41%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7350, 8.5116, -23.4466 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 86.7350, 8.5116, -23.4466 by changing the saturation by 10% instead.

86.7350, 8.5116,
-23.4466

86.7350, 8.5116,
-23.4466

255.0000, 0.0000,
0.0000

62.7350, 8.5116,
-23.4466

137.4360, 8.6591,
-24.0614

39.4250, 8.6645,
-25.8057

163.5500, 9.0959,
-24.1613

21.7140, 7.0430,
-19.0432

191.1370, 8.8065,
-24.6761

2.1830, 5.8258,
-1.9145

218.9520, 9.3907,
-25.3909

0.0000, 0.0000,
0.0000

243.9370, 5.4541,
-22.7467

252.6080, 1.1793,

-4.9182

■ 86.7350, 8.5116,
-23.4466

■ 86.7350, 8.5116,
-23.4466

■ 82.5710, 10.5645,
-28.5648

■ 90.8990, 6.4588,
-18.3284

■ 78.6950, 12.4754,
-34.8125

■ 94.7750, 4.5479,
-12.0807

■ 74.5310, 14.5282,
-39.9307

■ 98.9390, 2.4951,
-6.9625

■ 70.0680, 16.7285,
-45.6636

■ 103.4020, 0.2948,
-1.2296

■ 66.4910, 18.4919,
-51.2966

■ 106.9790, -1.4686,
4.4034

■ 62.9250, 20.2500,
-55.1852

■ 111.1430, -3.5215,
9.5216

■ 115.6060, -5.7218,
15.2545

■ 119.1830, -7.4852,
20.8875

■ 123.6460, -9.6855,
26.6205

Harmonies

Analogous

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



86.9650, 2.9753, -21.0173



86.7350, 8.5116, -23.4466



88.4520, 11.1162, -18.8134

Triad

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



86.7350, 8.5116, -23.4466



93.1140, 3.8878, 13.0550



90.2860, -10.4940, 5.8882

Complementary

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



86.7350, 8.5116, -23.4466



77.2650, -8.5116, 23.4466

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.



91.4550, -10.0843, 14.5100



86.7350, 8.5116, -23.4466



92.9530, -1.9488, 18.4582

Square

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



86.7350, 8.5116, -23.4466



92.7860, 7.9935, 2.8187



92.4000, -6.6062, 18.9432



89.5020, -8.1355, -3.9483

Rectangle

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



86.7350, 8.5116, -23.4466



90.1970, 11.2419, -12.4508



92.4000, -6.6062, 18.9432



90.8950, -10.7942, 8.8621

Sweetspot

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



86.7350, 8.5116, -23.4466



128.1560, 3.3741, -8.9068



86.6260, -9.6756, -23.3510



64.5370, 2.2003, -5.7329



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.



86.7350, 8.5116, -23.4466



107.9120, 13.3544, -36.7568



73.8210, 14.8782, -12.1210



48.9180, 1.0264, -2.5591



69.4620, 22.4502, -60.9182



147.3360, 46.6694, -129.2137

Inverse Universe

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



77.3740, 9.6756, 23.3510



93.2430, 15.1632, 36.6209



90.1790, -14.8782, 12.1210



47.9510, 1.0102, 2.6740



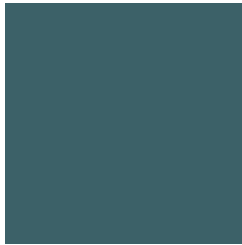
45.3290, 24.9808, 61.1015



95.6140, 53.4343, 128.3805

Previews

White Background



This preview shows how the YUV color 86.7350, 8.5116, -23.4466 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 86.7350, 8.5116, -23.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

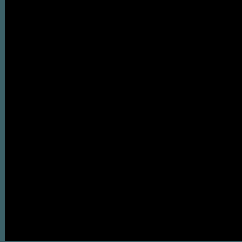
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7350, 8.5116, -23.4466

Background



This preview shows how black text looks on a background with the YUV color 86.7350, 8.5116, -23.4466.



This preview shows how white text looks on a background with the YUV color 86.7350, 8.5116,

-23.4466.

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

86.7350, 8.5116, -23.4466

Protanopia

91.1400, 4.3680, -0.9998

Deuteranopia

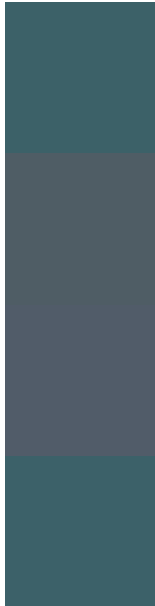
92.1340, 6.8359, 0.7595



Tritanopia

86.8490, 8.9484, -23.5466

Trichromacy



Original Color

86.7350, 8.5116, -23.4466

Protanomaly

89.7260, 5.5581, -9.4067

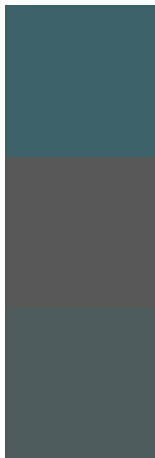
Deuteranomaly

90.1930, 7.2999, -8.0623

Tritanomaly

86.8490, 8.9484, -23.5466

Monochromacy



Original Color

86.7350, 8.5116, -23.4466

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0420, 2.9373, -8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7350, 8.5116, -23.4466 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(60, 97, 104)` looks like.

```
.text, #text, p{  
    color:rgb(60, 97, 104)  
}
```

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(60, 97, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 97, 104) }
```

Border

The CSS property to change the border of an element to YUV 86.7350, 8.5116, -23.4466 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(60, 97, 104) }
```


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

```
.border{ border-color:rgb(60, 97, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 97, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 97, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 97, 104);  
box-shadow:4px 4px 4px 4px rgb(60, 97,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 86.7350, 8.5116, -23.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 97, 104) }
```

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

```
.background{ background-color: rgb(60, 97,  
104) }
```

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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