

Converting Colors

YUV(87.0230, 8.3697, -24.5762)

Have a look what the booklet for
YUV(87.0230, 8.3697, -24.5762)
contains.

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Color

**YUV(87.0230, 8.3697,
-24.5762)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B6268 |
| RGB | 59, 98, 104 |
| RGB Percent | 23%, 38%, 41% |
| CMY | 0.7686, 0.6157, 0.5922 |
| CMYK | 0.43, 0.06, 0.00, 0.59 |
| HSL | 188°, 28%, 32% |
| HSV | 188°, 43%, 41% |
| XYZ | 8.6700, 10.6646, 14.6982 |
| YIQ | 87.0230, -25.1700, -6.4020 |

Conversions

Conversions Part 2

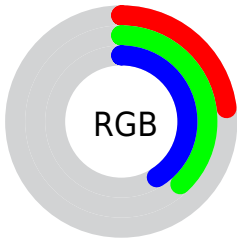
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 59, 80, 104 |
| Decimal | 3891816 |
| CIELab | 39.01, -12.03, -7.75 |
| CIElCh | 39, 14.315, 212.786 |
| Yxy | 10.6646, 0.2548, 0.3134 |
| Android (android.graphics.Color) | 4282081896 (0xFF3B6268) |
| YUV | 87.0230, 8.3697, -24.5762 |
| Hunter-Lab | 32.6568, -9.7596, -3.8256 |

Details

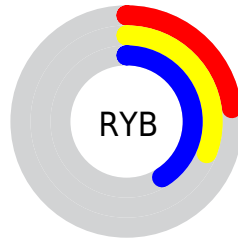
The YUV color **87.0230, 8.3697, -24.5762** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.9770, -8.3697, 24.5762**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7240, 8.5171, -25.1909**, and **38.8270, 8.9593, -27.0353** is the 20% darker color. If you saturate the color by 10%, you get **83.4460, 10.1331, -30.2091**, and if you desaturate by 10%, it is **90.6000, 6.6062, -18.9432**.

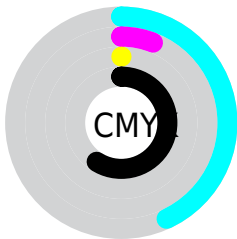
Distribution



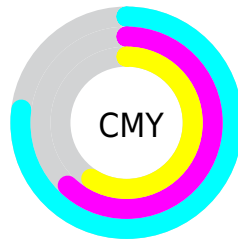
- Red (23%)
- Green (38%)
- Blue (41%)



- Red (23%)
- Yellow (31%)
- Blue (41%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (59%)



- Cyan (77%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0230, 8.3697, -24.5762 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 87.0230, 8.3697, -24.5762 by changing the saturation by 10% instead.

87.0230, 8.3697,
-24.5762

87.0230, 8.3697,
-24.5762

255.0000, 0.0000,
0.0000

63.0230, 8.3697,
-24.5762

137.7240, 8.5171,
-25.1909

38.8270, 8.9593,
-27.0353

163.8380, 8.9539,
-25.2909

21.7140, 7.0430,
-19.0432

191.4250, 8.6645,
-25.8057

2.1830, 5.8258,
-1.9145

219.2400, 9.2487,
-26.5205

0.0000, 0.0000,
0.0000

243.6380, 5.6015,
-23.3615

252.3090, 1.3267,

-5.5330

■ 87.0230, 8.3697,
-24.5762

■ 87.0230, 8.3697,
-24.5762

■ 83.4460, 10.1331,
-30.2091

■ 90.6000, 6.6062,
-18.9432

■ 78.9830, 12.3334,
-35.9421

■ 95.0630, 4.4059,
-13.2103

■ 75.4060, 14.0968,
-41.5751

■ 98.6400, 2.6425,
-7.5773

■ 70.9430, 16.2971,
-47.3080

■ 103.1030, 0.4422,
-1.8443

■ 67.3660, 18.0606,
-52.9410

■ 106.6800, -1.3212,
3.7886

■ 64.6860, 19.3818,
-56.7296

■ 110.2570, -3.0847,
9.4216

■ 114.7200, -5.2850,
15.1546

■ 118.2970, -7.0484,
20.7875

■ 122.1730, -8.9593,
27.0353

Harmonies

Analogous

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



87.5520, 2.6859, -21.5321



87.0230, 8.3697, -24.5762



88.5550, 11.5584, -20.6577

Triad

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



87.0230, 8.3697, -24.5762



93.9290, 4.4720, 12.3403



91.1830, -10.9362, 7.7325

Complementary

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



87.0230, 8.3697, -24.5762



75.9770, -8.3697, 24.5762

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.



92.7540, -10.2317, 15.1247



87.0230, 8.3697, -24.5762



94.0670, -1.5120, 18.3582

Square

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



87.0230, 8.3697, -24.5762



93.3020, 8.7251, 1.4891



93.4000, -6.6062, 18.9432



89.9860, -8.8671, -2.6187

Rectangle

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



87.0230, 8.3697, -24.5762



90.4140, 12.1209, -14.3951



93.4000, -6.6062, 18.9432



91.4930, -11.0890, 10.0916

Sweetspot

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



87.0230, 8.3697, -24.5762



128.7430, 3.0847, -9.4216



86.0990, -10.4018, -23.7658



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.



87.0230, 8.3697, -24.5762



108.7870, 12.9230, -38.4012



74.1090, 14.7363, -13.2506



48.9180, 1.0264, -2.5591



71.2230, 21.5821, -62.4626



150.8580, 44.9330, -132.3025

Inverse Universe

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



76.9010, 10.4018, 23.7658



92.8840, 16.3262, 36.9357



89.4780, -15.0257, 12.7358



47.9510, 1.0102, 2.6740



45.6710, 26.2912, 60.8015



96.2980, 56.0551, 127.7807

Previews

White Background



This preview shows how the YUV color 87.0230, 8.3697, -24.5762 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 87.0230, 8.3697, -24.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

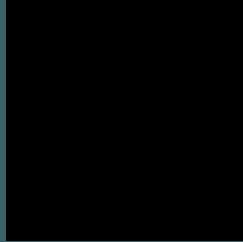
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0230, 8.3697, -24.5762

Background



This preview shows how black text looks on a background with the YUV color 87.0230, 8.3697, -24.5762.



This preview shows how white text looks on a background with the YUV color 87.0230, 8.3697, -24.5762.

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

87.0230, 8.3697, -24.5762

Protanopia

92.0260, 3.9312, -0.8998

Deuteranopia

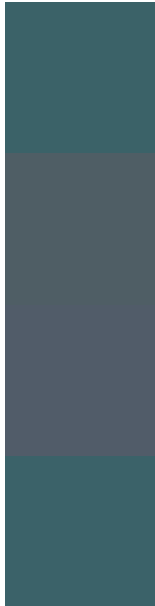
92.4330, 6.6885, 1.3743



Tritanopia

87.2510, 9.2433, -24.7761

Trichromacy



Original Color

87.0230, 8.3697, -24.5762

Protanomaly

90.3130, 5.2687, -9.9215

Deuteranomaly

90.1930, 7.2999, -8.0623

Tritanomaly

87.1370, 8.8065, -24.6761

Monochromacy



Original Color

87.0230, 8.3697, -24.5762

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 87.0230, 8.3697, -24.5762 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(59, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 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(59, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 104) }
```

Border

The CSS property to change the border of an element to YUV 87.0230, 8.3697, -24.5762 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(59, 98, 104) }
```


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

```
.border{ border-color:rgb(59, 98, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 98, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(59, 98,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 87.0230, 8.3697, -24.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 104) }
```

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

```
.background{ background-color: rgb(59, 98,  
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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