

Converting Colors

YUV(87.0400, 5.8963, -24.5911)

Have a look what the booklet for
YUV(87.0400, 5.8963, -24.5911)
contains.

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Color

**YUV(87.0400, 5.8963,
-24.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6363
RGB	59, 99, 99
RGB Percent	23%, 39%, 39%
CMY	0.7686, 0.6118, 0.6118
CMYK	0.40, 0.00, 0.00, 0.61
HSL	180°, 25%, 31%
HSV	180°, 40%, 39%
XYZ	8.5176, 10.7543, 13.4312
YIQ	87.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

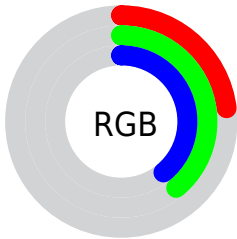
Format	Color
RYB	59, 79, 99
Decimal	3892067
CIELab	39.16, -14.02, -4.45
CIELCh	39, 14.713, 197.604
Yxy	10.7543, 0.2605, 0.3288
Android (android.graphics.Color)	4282082147 (0xFF3B6363)
YUV	87.0400, 5.8963, -24.5911
Hunter-Lab	32.7938, -11.0270, -1.3275

Details

The YUV color **87.0400, 5.8963, -24.5911** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.9600, -5.8963, 24.5911**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7410, 6.0437, -25.2059**, and **39.2570, 6.7753, -26.5354** is the 20% darker color. If you saturate the color by 10%, you get **84.0500, 7.3704, -30.7388**, and if you desaturate by 10%, it is **90.0300, 4.4222, -18.4433**.

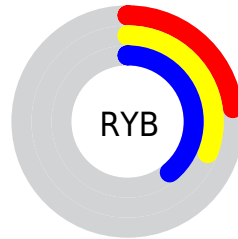
Distribution



Red (23%)

Green (39%)

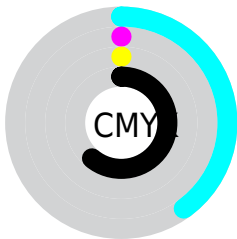
Blue (39%)



Red (23%)

Yellow (31%)

Blue (39%)

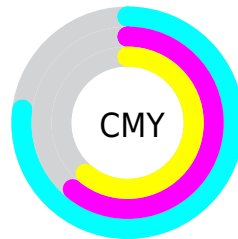


Cyan (40%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0400, 5.8963, -24.5911 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 87.0400, 5.8963, -24.5911 by changing the saturation by 10% instead.

87.0400, 5.8963,
-24.5911

87.0400, 5.8963,
-24.5911

255.0000, 0.0000,
0.0000

63.0400, 5.8963,
-24.5911

137.7410, 6.0437,
-25.2059

39.2570, 6.7753,
-26.5354

164.3280, 5.7543,
-25.7207

21.7310, 4.5696,
-19.0581

191.1430, 6.3385,
-26.4354

0.7980, 3.0576,
-0.6998

219.1430, 6.3385,
-26.4354

0.0000, 0.0000,
0.0000

243.6380, 5.6015,
-23.3615

252.3090, 1.3267,

-5.5330

■ 87.0400, 5.8963,
-24.5911

■ 87.0400, 5.8963,
-24.5911

■ 84.0500, 7.3704,
-30.7388

■ 90.0300, 4.4222,
-18.4433

■ 81.0600, 8.8444,
-36.8866

■ 93.0200, 2.9481,
-12.2955

■ 78.0700, 10.3185,
-43.0344

■ 96.0100, 1.4741,
-6.1478

■ 75.0800, 11.7926,
-49.1822

■ 99.0000, 0.0000,
0.0000

■ 72.3890, 13.1192,
-54.7152

■ 101.9900, -1.4741,
6.1478

■ 69.3990, 14.5933,
-60.8629

■ 104.6810, -2.8007,
11.6808

■ 107.6710, -4.2748,
17.8285

■ 110.6610, -5.7489,
23.9763

■ 113.6510, -7.2229,
30.1241

Harmonies

Analogous

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



88.0640, -0.5246, -18.4731



87.0400, 5.8963, -24.5911



87.8920, 10.4062, -24.4613

Triad

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



87.0400, 5.8963, -24.5911



94.1780, 6.8142, 7.7369



92.3900, -11.5313, 11.9360

Complementary

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



87.0400, 5.8963, -24.5911



70.9600, -5.8963, 24.5911

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.



93.1180, -8.9322, 18.3135



87.0400, 5.8963, -24.5911



94.2670, 1.8404, 16.4288

Square

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



87.0400, 5.8963, -24.5911



92.8390, 10.9254, -4.2438



94.0950, -3.9908, 20.0877



91.1500, -10.9199, 2.4995

Rectangle

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



87.0400, 5.8963, -24.5911



89.3810, 12.1372, -19.6281



94.0950, -3.9908, 20.0877



92.2270, -10.9579, 14.7099

Sweetspot

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



87.0400, 5.8963, -24.5911



123.2160, 2.3585, -9.8364



82.4800, -11.5756, -20.5920



61.3090, 1.3267, -5.5330



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.0400, 5.8963, -24.5911



109.4620, 9.1392, -38.1162



75.3000, 11.6841, -14.2951



46.8040, 0.5896, -2.4591



78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465

Inverse Universe

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



75.5200, 11.5756, 20.5920



91.6060, 17.9422, 31.9175



82.7000, -11.6841, 14.2951



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 87.0400, 5.8963, -24.5911 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 87.0400, 5.8963, -24.5911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

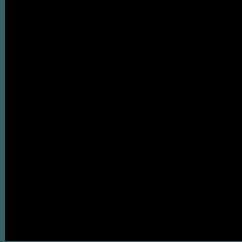
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0400, 5.8963, -24.5911

Background



This preview shows how black text looks on a background with the YUV color 87.0400, 5.8963, -24.5911.



This preview shows how white text looks on a background with the YUV color 87.0400, 5.8963, -24.5911.

-24.5911.

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

87.0400, 5.8963, -24.5911

Protanopia

91.9400, 1.0156, 0.9296

Deuteranopia

92.7600, 4.0623, 3.7185



Tritanopia

87.8490, 8.9484, -23.5466

Trichromacy



Original Color

87.0400, 5.8963, -24.5911

Protanomaly

90.3410, 2.7899, -8.1921

Deuteranomaly

90.8080, 4.5317, -6.8476

Tritanomaly

87.2080, 7.7855, -23.8614

Monochromacy



Original Color

87.0400, 5.8963, -24.5911

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0400, 5.8963, -24.5911 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, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(59, 99, 99)  
}
```

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, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 99, 99) }
```

Border

The CSS property to change the border of an element to YUV 87.0400, 5.8963, -24.5911 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, 99, 99) }
```


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

```
.border{ border-color:rgb(59, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(59, 99, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.0400, 5.8963, -24.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 99, 99) }
```

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

```
.background{ background-color: rgb(59, 99,  
99) }
```

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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