

Converting Colors

YUV(90.8640, -0.4260, -3.3887)

Have a look what the booklet for
YUV(90.8640, -0.4260, -3.3887)
contains.

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Color

**YUV(90.8640, -0.4260,
-3.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	575D5A
RGB	87, 93, 90
RGB Percent	34%, 36%, 35%
CMY	0.6588, 0.6353, 0.6471
CMYK	0.06, 0.00, 0.03, 0.64
HSL	150°, 3%, 35%
HSV	150°, 6%, 36%
XYZ	9.6903, 10.5931, 11.2068
YIQ	90.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

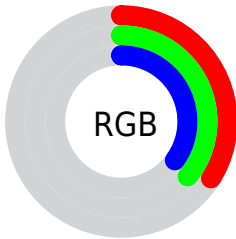
Format	Color
RYB	87, 91, 93
Decimal	5725530
CIELab	38.89, -3.00, 0.90
CIElCh	39, 3.133, 163.234
Yxy	10.5931, 0.3077, 0.3364
Android (android.graphics.Color)	4283915610 (0xFF575D5A)
YUV	90.8640, -0.4260, -3.3887
Hunter-Lab	32.5471, -3.8123, 2.3679

Details

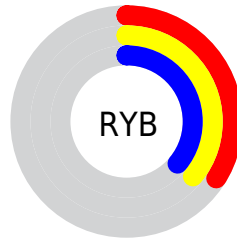
The YUV color **90.8640, -0.4260, -3.3887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.1360, 0.4260, 3.3887**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8640, -0.4260, -3.3887**, and **45.2770, -0.1366, -2.8739** is the 20% darker color. If you saturate the color by 10%, you get **87.6030, -1.2833, -8.4218**, and if you desaturate by 10%, it is **94.1250, 0.4314, 1.6444**.

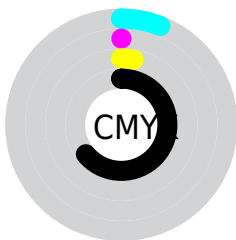
Distribution



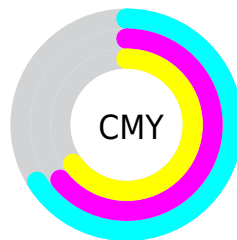
- Red (34%)
- Green (36%)
- Blue (35%)



- Red (34%)
- Yellow (36%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (64%)



- Cyan (66%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8640, -0.4260, -3.3887 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 90.8640, -0.4260, -3.3887 by changing the saturation by 10% instead.

■ 90.8640, -0.4260,
-3.3887

■ 90.8640, -0.4260,
-3.3887

■ 255.0000, 0.0000,
0.0000

■ 67.2770, -0.1366,
-2.8739

■ 140.8640, -0.4260,
-3.3887

■ 45.2770, -0.1366,
-2.8739

■ 167.4510, -0.7153,
-3.9035

■ 24.2770, -0.1366,
-2.8739

■ 194.4510, -0.7153,
-3.9035

■ 0.0000, 0.0000,
0.0000

■ 222.4510, -0.7153,
-3.9035

■ 251.1520, -0.5679,
-4.5183

■ 90.8640, -0.4260,
-3.3887

■ 90.8640, -0.4260,
-3.3887

■ 87.6030, -1.2833,
-8.4218

■ 94.1250, 0.4314,
1.6444

■ 84.1570, -1.5564,
-14.1697

■ 97.5710, 0.7045,
7.3922

■ 80.8960, -2.4137,
-19.2028

■ 100.8320, 1.5618,
12.4253

■ 77.6350, -3.2711,
-24.2359

■ 104.0930, 2.4192,
17.4584

■ 74.4880, -3.6916,
-29.3690

■ 107.5390, 2.6923,
23.2063

■ 70.9280, -4.4015,
-35.0169

■ 110.8000, 3.5496,
28.2394

■ 67.6670, -5.2588,
-40.0500

■ 114.0610, 4.4069,
33.2725

■ 64.5200, -5.6794,

■ 117.2080, 4.8275,

-45.1830

38.4056

■ 60.9600, -6.3893,
-50.8309

■ 120.7680, 5.5374,
44.0535

Harmonies

Analogous

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



90.9460, -1.4524, -0.8296



90.8640, -0.4260, -3.3887



90.9070, 1.0318, -4.3034

Triad

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



90.8640, -0.4260, -3.3887



91.2710, 2.3314, -1.1147



91.8650, -1.9054, 4.5034

Complementary

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



90.8640, -0.4260, -3.3887



89.1360, 0.4260, 3.3887

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.



92.0930, -1.0318, 4.3034



90.8640, -0.4260, -3.3887



92.0540, 1.4524, 0.8296

Square

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



90.8640, -0.4260, -3.3887



91.2600, 2.3368, -2.8590



92.1360, 0.4260, 3.3887



91.7400, -2.3368, 2.8590

Rectangle

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



90.8640, -0.4260, -3.3887



91.0210, 1.4686, -4.4034



92.1360, 0.4260, 3.3887



91.9790, -1.4686, 4.4034

Sweetspot

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



90.8640, -0.4260, -3.3887



118.9890, 0.0054, -1.7444



91.4190, -2.1786, -1.2445



60.7010, 0.1474, -0.6148



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



90.8640, -0.4260, -3.3887



116.4400, -0.7099, -5.6479



91.2060, 0.8844, -3.6887



44.2770, -0.1366, -2.8739



70.8400, -7.8091, -62.1267



152.6850, -16.6067, -133.9047

Inverse Universe

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



89.1360, 0.4260, 3.3887



113.5600, 0.7099, 5.6479



88.7940, -0.8844, 3.6887



42.8370, 0.5734, 2.7740



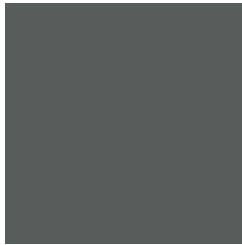
39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Previews

White Background



This preview shows how the YUV color 90.8640, -0.4260, -3.3887 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 90.8640, -0.4260, -3.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

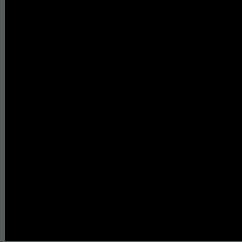
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8640, -0.4260, -3.3887

Background



This preview shows how black text looks on a background with the YUV color 90.8640, -0.4260, -3.3887.



This preview shows how white text looks on a background with the YUV color 90.8640, -0.4260, -3.3887.

-3.3887.

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

90.8640, -0.4260, -3.3887

Protanopia

91.6690, -1.3158, 2.0443

Deuteranopia

92.5170, -0.7479, 6.5626



Tritanopia

91.6020, 3.6472, -3.1590

Trichromacy

**Original Color**

90.8640, -0.4260, -3.3887

Protanomaly

91.3590, -1.1630, -0.3148

Deuteranomaly

91.6090, -0.3002, 2.9739

Tritanomaly

91.2600, 2.3368, -2.8590

Monochromacy

**Original Color**

90.8640, -0.4260, -3.3887

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8640, -0.4260, -3.3887 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(87, 93, 90)` looks like.

```
.text, #text, p{  
    color:rgb(87, 93, 90)  
}
```

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(87, 93, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 93, 90) }
```

Border

The CSS property to change the border of an element to YUV 90.8640, -0.4260, -3.3887 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(87, 93, 90) }
```


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

```
.border{ border-color:rgb(87, 93, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 93, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 93, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 93, 90);  
box-shadow:4px 4px 4px 4px rgb(87, 93, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.8640, -0.4260, -3.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 93, 90) }
```

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

```
.background{ background-color: rgb(87, 93,  
90) }
```

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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