

Converting Colors

YUV(87.7980, 3.0576, -0.6998)

Have a look what the booklet for
YUV(87.7980, 3.0576, -0.6998)
contains.

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Color

**YUV(87.7980, 3.0576,
-0.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	57575E
RGB	87, 87, 94
RGB Percent	34%, 34%, 37%
CMY	0.6588, 0.6588, 0.6314
CMYK	0.07, 0.07, 0.00, 0.63
HSL	240°, 4%, 35%
HSV	240°, 7%, 37%
XYZ	9.3591, 9.6508, 11.9592
YIQ	87.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

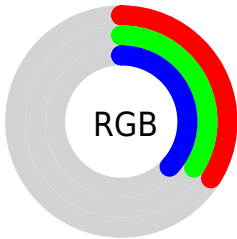
Format	Color
RYB	87, 87, 94
Decimal	5723998
CIELab	37.21, 1.54, -4.04
CIELCh	37, 4.326, 290.882
Yxy	9.6508, 0.3022, 0.3116
Android (android.graphics.Color)	4283914078 (0xFF57575E)
YUV	87.7980, 3.0576, -0.6998
Hunter-Lab	31.0657, -0.5889, -1.0785

Details

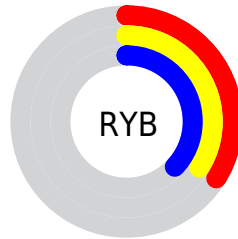
The YUV color $87.7980, 3.0576, -0.6998$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $93.2020, -3.0576, 0.6998$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.7980, 3.0576, -0.6998$, and $42.6840, 2.6208, -0.5999$ is the 20% darker color. If you saturate the color by 10%, you get $79.8240, 6.9888, -1.5996$, and if you desaturate by 10%, it is $95.7720, -0.8736, 0.2000$.

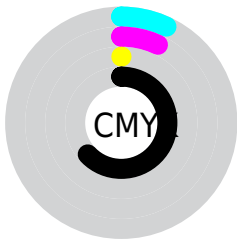
Distribution



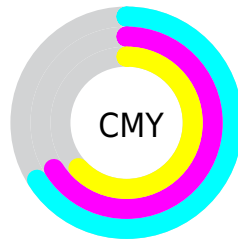
- Red (34%)
- Green (34%)
- Blue (37%)



- Red (34%)
- Yellow (34%)
- Blue (37%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (63%)



- Cyan (66%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7980, 3.0576, -0.6998 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 87.7980, 3.0576, -0.6998 by changing the saturation by 10% instead.

■ 87.7980, 3.0576,
-0.6998

■ 87.7980, 3.0576,
-0.6998

■ 255.0000, 0.0000,
0.0000

■ 64.6840, 2.6208,
-0.5999

■ 137.7980, 3.0576,
-0.6998

■ 42.6840, 2.6208,
-0.5999

■ 163.9120, 3.4944,
-0.7998

■ 21.6840, 2.6208,
-0.5999

■ 190.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 218.9120, 3.4944,
-0.7998

■ 247.0260, 3.9312,
-0.8998

■ 87.7980, 3.0576,
-0.6998

■ 87.7980, 3.0576,
-0.6998

■ 79.8240, 6.9888,
-1.5996

■ 95.7720, -0.8736,
0.2000

■ 70.9640, 11.3567,
-2.5994

■ 104.6320, -5.2416,
1.1997

■ 62.9900, 15.2879,
-3.4992

■ 112.6060, -9.1728,
2.0995

■ 54.1300, 19.6559,
-4.4990

■ 121.4660,
-13.5407, 3.0993

■ 46.1560, 23.5871,
-5.3988

■ 129.4400,
-17.4719, 3.9991

■ 38.1820, 27.5183,
-6.2986

■ 137.4140,
-21.4031, 4.8989

■ 29.3220, 31.8863,
-7.2984

■ 146.2740,
-25.7711, 5.8987

■ 21.3480, 35.8174,

■ 154.2480,

-8.1982

-29.7023, 6.7985

■ 12.4880, 40.1854,
-9.1980

■ 163.1080,
-34.0702, 7.7983

Harmonies

Analogous

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



87.1890, 3.3578, -3.6738



87.7980, 3.0576, -0.6998



88.1790, 1.8838, 2.4740

Triad

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



87.7980, 3.0576, -0.6998



87.9360, -2.9264, 5.3181



86.8530, -0.4205, -5.1331

Complementary

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



87.7980, 3.0576, -0.6998



93.2020, -3.0576, 0.6998

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.



86.8210, -1.8838, -2.4740



87.7980, 3.0576, -0.6998



87.8110, -3.3578, 3.6738

Square

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



87.7980, 3.0576, -0.6998



87.9900, -1.4741, 6.1478



87.2020, -3.0576, 0.6998



86.7110, 1.6215, -6.7625

Rectangle

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



87.7980, 3.0576, -0.6998



87.9620, 1.0047, 4.4183



87.2020, -3.0576, 0.6998



86.1520, -0.5679, -4.5183

Sweetspot

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



87.7980, 3.0576, -0.6998



120.2280, 0.8736, -0.2000



91.9070, 1.0318, -4.3034



60.1140, 0.4368, -0.1000



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.



87.7980, 3.0576, -0.6998



112.2540, 4.8048, -1.0998



88.9940, 2.4680, 1.7593



41.5700, 2.1840, -0.4999



12.5400, 48.0478, -10.9976



27.0180, 103.5211, -23.6948

Inverse Universe

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



89.8910, 2.0257, 3.6036



115.5430, 3.1833, 5.6628



92.3050, -2.6154, -1.1445



43.0650, 1.4470, 2.5740



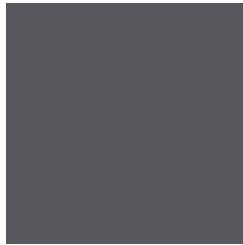
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 87.7980, 3.0576, -0.6998 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 ✓ Pass

Black Background



This preview shows how the YUV color 87.7980, 3.0576, -0.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

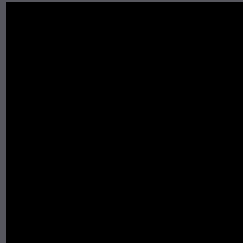
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

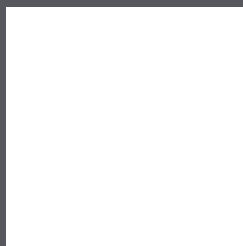
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.7980, 3.0576, -0.6998

Background



This preview shows how black text looks on a background with the YUV color 87.7980, 3.0576, -0.6998.



This preview shows how white text looks on a background with the YUV color 87.7980, 3.0576, -0.6998.

-0.6998.

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

87.7980, 3.0576, -0.6998

Protanopia

87.7980, 3.0576, -0.6998

Deuteranopia

88.4180, 2.7519, 4.0184



Tritanopia

87.7980, 3.0576, -0.6998

Trichromacy



Original Color

87.7980, 3.0576, -0.6998

Protanomaly

87.7980, 3.0576, -0.6998

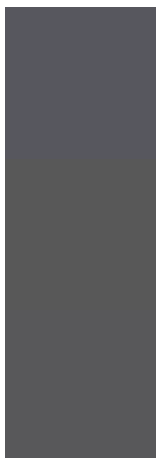
Deuteranomaly

88.4070, 2.7573, 2.2741

Tritanomaly

87.7980, 3.0576, -0.6998

Monochromacy



Original Color

87.7980, 3.0576, -0.6998

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7980, 3.0576, -0.6998 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, 87, 94)` looks like.

```
.text, #text, p{  
    color:rgb(87, 87, 94)  
}
```

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, 87, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 87, 94) }
```

Border

The CSS property to change the border of an element to YUV 87.7980, 3.0576, -0.6998 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, 87, 94) }
```


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

```
.border{ border-color:rgb(87, 87, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 87, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 87, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 87, 94);  
box-shadow:4px 4px 4px 4px rgb(87, 87, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.7980, 3.0576, -0.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 87, 94) }
```

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

```
.background{ background-color: rgb(87, 87,  
94) }
```

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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