

Converting Colors

YIQ(87.9660, -2.6600, 4.1560)

Have a look what the booklet for
YIQ(87.9660, -2.6600, 4.1560)
contains.

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Color

**YIQ(87.9660, -2.6600,
4.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	585662
RGB	88, 86, 98
RGB Percent	35%, 34%, 38%
CMY	0.6549, 0.6627, 0.6157
CMYK	0.10, 0.12, 0.00, 0.62
HSL	250°, 7%, 36%
HSV	250°, 12%, 38%
XYZ	9.5569, 9.6121, 12.9056
YIQ	87.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

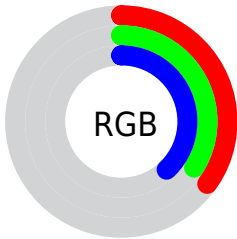
Format	Color
R_{YB}	88, 86, 98
Decimal	5789282
CIE Lab	37.14, 3.46, -6.63
CIE LCh	37, 7.479, 297.599
Yxy	9.6121, 0.2980, 0.2997
Android (android.graphics.Color)	4283979362 (0xFF585662)
YUV	87.9660, 4.9468, 0.0298
Hunter-Lab	31.0033, 0.7675, -2.9781

Details

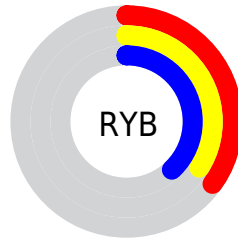
The YIQ color $87.9660, -2.6600, 4.1560$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $96.0340, 2.6600, -4.1560$, and the grayscale version is $88.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $138.0800, -2.9810, 4.4670$, and $42.8520, -2.3390, 3.8450$ is the 20% darker color. If you saturate the color by 10%, you get $79.7040, -4.6780, 7.6900$, and if you desaturate by 10%, it is $96.2280, -0.6420, 0.6220$.

Distribution



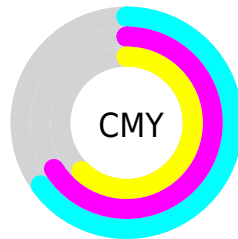
- Red (35%)
- Green (34%)
- Blue (38%)



- Red (35%)
- Yellow (34%)
- Blue (38%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.9660, -2.6600, 4.1560 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 YIQ color 87.9660, -2.6600, 4.1560 by changing the saturation by 10% instead.

■ 87.9660, -2.6600,
4.1560

■ 87.9660, -2.6600,
4.1560

■ 255.0000, -0.0000,
-0.0000

■ 64.8520, -2.3390,
3.8450

■ 138.0800, -2.9810,
4.4670

■ 42.8520, -2.3390,
3.8450

■ 164.0800, -2.9810,
4.4670

■ 22.3250, -2.2930,
3.0110

■ 191.1940, -3.3020,
4.7780

■ 0.4560, -1.2840,
1.2440

■ 219.1940, -3.3020,
4.7780

■ 0.0000, 0.0000,
0.0000

■ 247.0370, -1.4220,
3.7460

■ 87.9660, -2.6600,
4.1560

■ 87.9660, -2.6600,
4.1560

■ 79.7040, -4.6780,
7.6900

■ 96.2280, -0.6420,
0.6220

■ 71.4420, -6.6960,
11.2240

■ 104.4900, 1.3760,
-2.9120

■ 63.7670, -8.9890,
14.2350

■ 112.1650, 3.6690,
-5.9230

■ 55.2060, -11.6030,
17.5570

■ 120.7260, 6.2830,
-9.2450

■ 46.9440, -13.6210,
21.0910

■ 128.9880, 8.3010,
-12.7790

■ 38.6820, -15.6390,
24.6250

■ 137.2500, 10.3190,
-16.3130

■ 30.4200, -17.6570,
28.1590

■ 145.5120, 12.3370,
-19.8470

■ 22.7450, -19.9500,

■ 153.1870, 14.6300,

31.1700

-22.8580

■ 15.9560, -21.9220,
33.8700

■ 161.4490, 16.6480,
-26.3920

Harmonies

Analogous

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



86.8620, -8.2990, 1.7250



87.9660, -2.6600, 4.1560



88.4290, 3.3460, 5.4420

Triad

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



87.9660, -2.6600, 4.1560



87.9750, 10.3160, 0.2680



85.4610, -8.8480, -4.8480

Complementary

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



87.9660, -2.6600, 4.1560



96.0340, 2.6600, -4.1560

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.



85.6850, -3.6670, -5.1310



87.9660, -2.6600, 4.1560



87.4260, 7.4280, -2.4600

Square

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



87.9660, -2.6600, 4.1560



88.5560, 10.1780, 2.7700



86.7350, 2.0640, -4.3680



85.5470, -11.9660, -3.4060

Rectangle

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



87.9660, -2.6600, 4.1560



88.8700, 6.4180, 4.8340



86.7350, 2.0640, -4.3680



85.8310, -7.0140, -5.0460

Sweetspot

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



87.9660, -2.6600, 4.1560



122.9830, -1.3300, 2.0780



93.2380, -6.6020, -1.4980



61.3420, -0.9630, 0.9330



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.



87.9660, -2.6600, 4.1560



111.4760, -4.0360, 7.0680



89.7600, 0.9160, 5.4280



44.4560, -1.2840, 1.2440



18.4490, -24.6280, 38.8600



39.3200, -53.2000, 83.1200

Inverse Universe

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



90.7280, 3.9420, 5.6540



115.8040, 6.7840, 9.2160



94.2400, -0.9160, -5.4280



45.6520, 1.1000, 2.0920



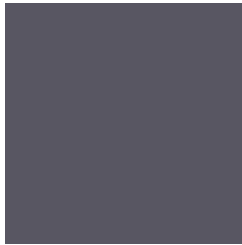
44.0900, 36.8990, 52.6670



94.5600, 78.8400, 113.0800

Previews

White Background



This preview shows how the YIQ color 87.9660, -2.6600, 4.1560 looks on a white background.

Color Contrast Check

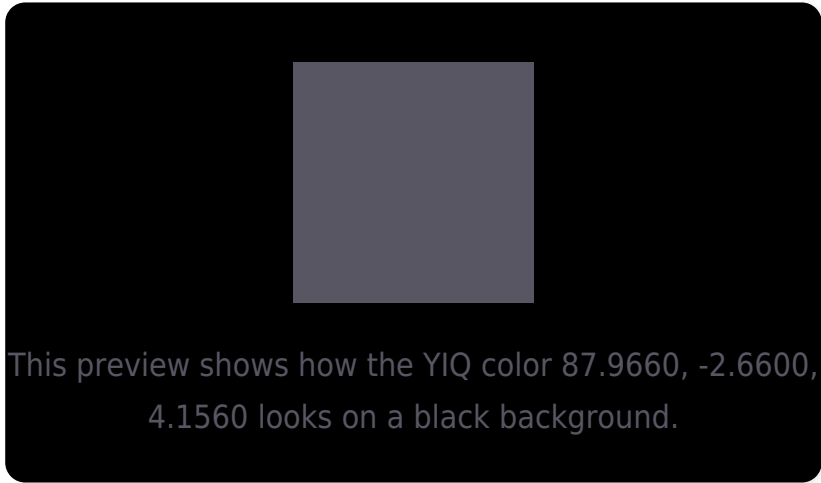
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

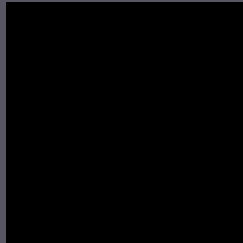
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.9660, -2.6600, 4.1560

Background



This preview shows how black text looks on a background with the YIQ color 87.9660, -2.6600, 4.1560.



This preview shows how white text looks on a background with the YIQ color 87.9660, -2.6600,

4.1560.

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

87.9660, -2.6600, 4.1560

Protanopia

87.9550, -4.1270, 3.2090

Deuteranopia

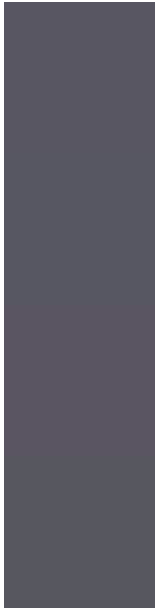
88.2760, -0.5970, 5.3150



Tritanopia

87.7980, -2.2470, 2.1770

Trichromacy



Original Color

87.9660, -2.6600, 4.1560

Protanomaly

88.2540, -3.5310, 3.4210

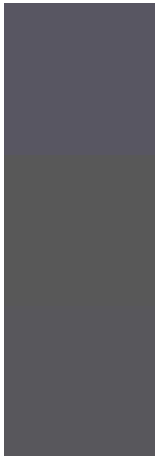
Deuteranomaly

87.9770, -1.1930, 5.1030

Tritanomaly

87.9120, -2.5680, 2.4880

Monochromacy



Original Color

87.9660, -2.6600, 4.1560

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.9660, -2.6600, 4.1560 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(88, 86, 98)` looks like.

```
.text, #text, p{  
    color:rgb(88, 86, 98)  
}
```

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(88, 86, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 86, 98) }
```

Border

The CSS property to change the border of an element to YIQ 87.9660, -2.6600, 4.1560 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(88, 86, 98) }
```


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

```
.border{ border-color:rgb(88, 86, 98) }
```

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

Here you see how a box with a 4 pixel rgb(88, 86, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 86, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 86, 98);  
box-shadow:4px 4px 4px 4px rgb(88, 86, 98)  
}
```

Background

The CSS property to change the background color of an element to YIQ 87.9660, -2.6600, 4.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 86, 98) }
```

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

```
.background{ background-color: rgb(88, 86,  
98) }
```

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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