

Converting Colors

YIQ(61.8080, -8.2070, 0.0570)

Have a look what the booklet for
YIQ(61.8080, -8.2070, 0.0570)
contains.

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Color

**YIQ(61.8080, -8.2070,
0.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	364047
RGB	54, 64, 71
RGB Percent	21%, 25%, 28%
CMY	0.7883, 0.7490, 0.7216
CMYK	0.24, 0.10, 0.00, 0.72
HSL	205°, 14%, 25%
HSV	205°, 24%, 28%
XYZ	4.4917, 4.9062, 6.6699
YIQ	61.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

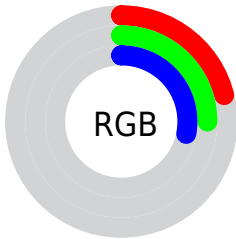
Format	Color
R_{YB}	54, 60, 71
Decimal	3555399
CIE _{Lab}	26.47, -2.27, -5.62
CIE _{LCh}	26, 6.065, 248.000
Yxy	4.9062, 0.2795, 0.3053
Android (android.graphics.Color)	4281745479 (0xFF364047)
YUV	61.8080, 4.5317, -6.8476
Hunter-Lab	22.1500, -2.5651, -2.3486

Details

The YIQ color **61.8080, -8.2070, 0.0570** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.1920, 8.2070, -0.0570**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **109.5090, -8.8030, -0.1550**, and **19.3950, -8.4820, -0.4660** is the 20% darker color. If you saturate the color by 10%, you get **57.9540, -11.5540, 0.1420**, and if you desaturate by 10%, it is **65.6620, -4.8600, -0.0280**.

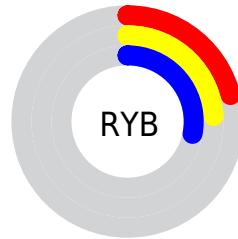
Distribution



 Red (21%)

 Green (25%)

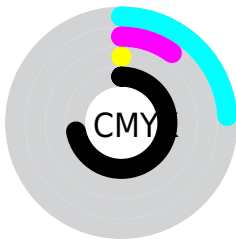
 Blue (28%)



 Red (21%)

 Yellow (24%)

 Blue (28%)

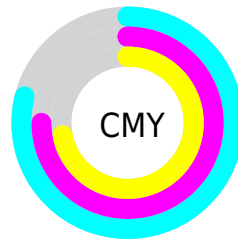


 Cyan (24%)

 Magenta (10%)

 Yellow (0%)

 Black (72%)



 Cyan (79%)

 Magenta (75%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.8080, -8.2070, 0.0570 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 61.8080, -8.2070, 0.0570 by changing the saturation by 10% instead.

■ 61.8080, -8.2070,
0.0570

■ 61.8080, -8.2070,
0.0570

■ 255.0000, -0.0000,
-0.0000

■ 39.8080, -8.2070,
0.0570

■ 109.5090, -8.8030,
-0.1550

■ 19.3950, -8.4820,
-0.4660

■ 134.6230, -9.1240,
0.1560

■ 0.0000, 0.0000,
0.0000

■ 160.7370, -9.4450,
0.4670

■ 187.7370, -9.4450,
0.4670

■ 215.4380,
-10.0410, 0.2550

■ 244.3240, -9.7200,

-0.0560

■ 61.8080, -8.2070,
0.0570

■ 61.8080, -8.2070,
0.0570

■ 57.9540, -11.5540,
0.1420

■ 65.6620, -4.8600,
-0.0280

■ 54.1000, -14.9010,
0.2270

■ 69.5160, -1.5130,
-0.1130

■ 50.2460, -18.2480,
0.3120

■ 73.3700, 1.8340,
-0.1980

■ 46.3920, -21.5950,
0.3970

■ 77.2240, 5.1810,
-0.2830

■ 42.5380, -24.9420,
0.4820

■ 81.0780, 8.5280,
-0.3680

■ 38.3850, -28.8850,
0.3550

■ 85.2310, 12.4710,
-0.2410

■ 35.1180, -32.5070,
-0.0830

■ 88.4980, 16.0930,
0.1970

■ 32.7480, -34.3410,
0.1150

■ 92.3520, 19.4400,
0.1120

■ 96.2060, 22.7870,
0.0270

Harmonies

Analogous

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



61.1560, -9.3070, -2.0350



61.8080, -8.2070, 0.0570



62.8300, -5.2730, 1.9510

Triad

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



61.8080, -8.2070, 0.0570



63.1150, 7.1060, 3.3780



61.7780, 0.5050, -3.6470

Complementary

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



61.8080, -8.2070, 0.0570



63.1920, 8.2070, -0.0570

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.



62.4580, 4.4020, -2.6860



61.8080, -8.2070, 0.0570



63.2460, 8.1150, 1.6110

Square

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



61.8080, -8.2070, 0.0570



63.6740, 4.0340, 3.9860



62.8930, 7.6110, -0.2690



61.3260, -4.0340, -3.9860

Rectangle

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



61.8080, -8.2070, 0.0570



63.3250, -2.2930, 3.0110



62.8930, 7.6110, -0.2690



62.2620, 2.0180, -3.5340

Sweetspot

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



61.8080, -8.2070, 0.0570



88.1460, -3.3470, 0.0850



64.7770, -6.9220, -6.7140



43.6300, -1.8340, 0.1980



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



61.8080, -8.2070, 0.0570



77.4700, -13.0670, 0.0290



57.1120, -6.0070, 4.2410



33.6300, -1.8340, 0.1980



45.9190, -48.0040, -0.0680



104.5360, -109.7170, 0.5150

Inverse Universe

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



60.2230, 6.9220, 6.7140



74.8970, 10.9560, 10.7000



67.8880, 6.0070, -4.2410



33.4240, 1.7420, 1.4700



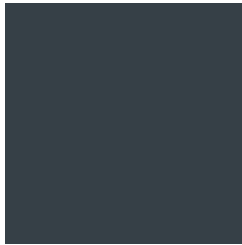
36.3270, 40.0650, 39.3370



83.1490, 92.2780, 89.7980

Previews

White Background



This preview shows how the YIQ color 61.8080, -8.2070, 0.0570 looks on a white background.

Color Contrast Check

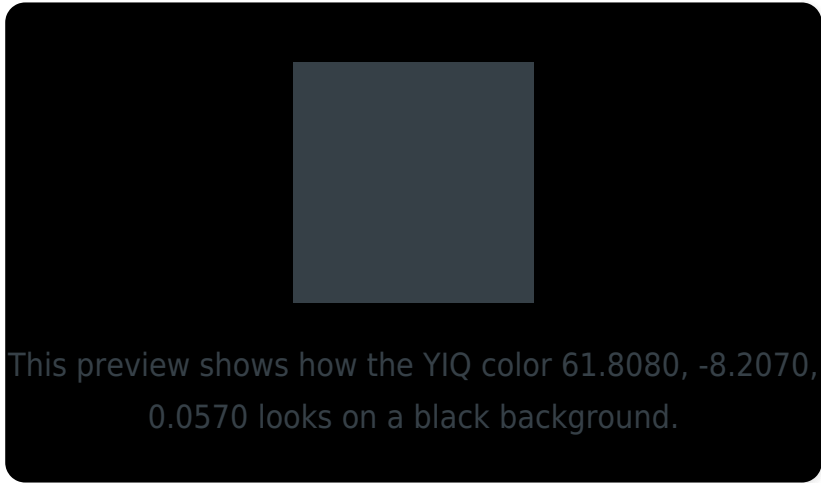
Large Text (above 18pt) WCAG AA ✓ Pass

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

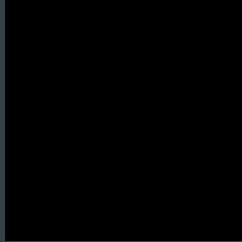
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.8080, -8.2070, 0.0570

Background



This preview shows how black text looks on a background with the YIQ color 61.8080, -8.2070, 0.0570.



This preview shows how white text looks on a background with the YIQ color 61.8080, -8.2070,

0.0570.

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

61.8080, -8.2070, 0.0570

Protanopia

62.6130, -3.1640, 2.2760

Deuteranopia

63.1510, -1.7430, 4.0570



Tritanopia

61.5800, -7.5650, -0.5650

Trichromacy



Original Color

61.8080, -8.2070, 0.0570

Protanomaly

62.3030, -5.2270, 1.1170

Deuteranomaly

62.5420, -4.4020, 2.6860

Tritanomaly

61.6940, -7.8860, -0.2540

Monochromacy



Original Color

61.8080, -8.2070, 0.0570

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.8080, -8.2070, 0.0570 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(54, 64, 71)` looks like.

```
.text, #text, p{  
    color:rgb(54, 64, 71)  
}
```

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(54, 64, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 64, 71) }
```

Border

The CSS property to change the border of an element to YIQ 61.8080, -8.2070, 0.0570 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(54, 64, 71) }
```


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

```
.border{ border-color:rgb(54, 64, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 64, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 64, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 64, 71);  
box-shadow:4px 4px 4px 4px rgb(54, 64, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.8080, -8.2070, 0.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 64, 71) }
```

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

```
.background{ background-color: rgb(54, 64,  
71) }
```

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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