

Converting Colors

YIQ(57.2220, -0.5050, 3.6470)

Have a look what the booklet for
YIQ(57.2220, -0.5050, 3.6470)
contains.

YIQ(57.2220, -0.5050, 3.6470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.2220, -0.5050,
3.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3740
RGB	59, 55, 64
RGB Percent	23%, 22%, 25%
CMY	0.7686, 0.7843, 0.7490
CMYK	0.08, 0.14, 0.00, 0.75
HSL	267°, 8%, 23%
HSV	267°, 14%, 25%
XYZ	4.0953, 4.0323, 5.4126
YIQ	57.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

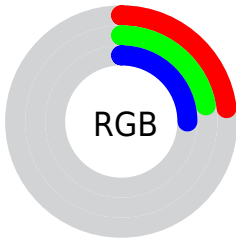
Format	Color
R_{YB}	59, 55, 64
Decimal	3880768
CIE _{Lab}	23.78, 3.83, -4.96
CIE _{LCh}	24, 6.264, 307.714
Yxy	4.0323, 0.3025, 0.2978
Android (android.graphics.Color)	4282070848 (0xFF3B3740)
YUV	57.2220, 3.3416, 1.5593
Hunter-Lab	20.0805, 1.2632, -1.9249

Details

The YIQ color **57.2220, -0.5050, 3.6470** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.7780, 0.5050, -3.6470**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3360, -0.8260, 3.9580**, and **14.0480, 0.0450, 4.6930** is the 20% darker color. If you saturate the color by 10%, you get **52.5040, -1.2390, 5.9370**, and if you desaturate by 10%, it is **61.9400, 0.2290, 1.3570**.

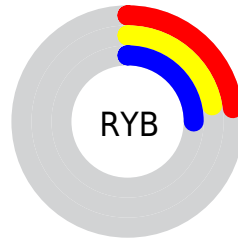
Distribution



Red (23%)

Green (22%)

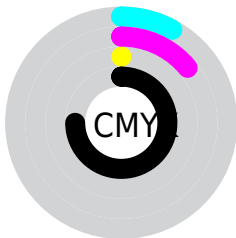
Blue (25%)



Red (23%)

Yellow (22%)

Blue (25%)

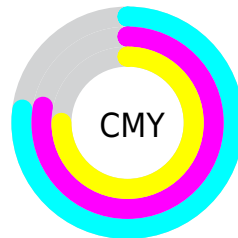


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (75%)



Cyan (77%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2220, -0.5050, 3.6470 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 57.2220, -0.5050, 3.6470 by changing the saturation by 10% instead.

■ 57.2220, -0.5050,
3.6470

■ 57.2220, -0.5050,
3.6470

■ 255.0000, -0.0000,
-0.0000

■ 35.8090, -0.7800,
3.1240

■ 104.3360, -0.8260,
3.9580

■ 14.0480, 0.0450,
4.6930

■ 129.3360, -0.8260,
3.9580

■ 0.0000, 0.0000,
0.0000

■ 155.3360, -0.8260,
3.9580

■ 181.7490, -0.5510,
4.4810

■ 209.7490, -0.5510,
4.4810

■ 237.8630, -0.8720,

4.7920

■ 57.2220, -0.5050,
3.6470

■ 57.2220, -0.5050,
3.6470

■ 52.5040, -1.2390,
5.9370

■ 61.9400, 0.2290,
1.3570

■ 47.4980, -1.1020,
8.9620

■ 66.9460, 0.0920,
-1.6680

■ 42.7800, -1.8360,
11.2520

■ 71.6640, 0.8260,
-3.9580

■ 37.7740, -1.6990,
14.2770

■ 76.6700, 0.6890,
-6.9830

■ 33.0560, -2.4330,
16.5670

■ 81.3880, 1.4230,
-9.2730

■ 28.6370, -2.5710,
19.0690

■ 85.8070, 1.5610,
-11.7750

■ 23.3320, -3.0300,
21.8820

■ 91.1120, 2.0200,
-14.5880

■ 18.9130, -3.1680,
24.3840

■ 95.5310, 2.1580,
-17.0900

■ 15.6680, -3.8560,
25.8400

■ 100.8360, 2.6170,
-19.9030

Harmonies

Analogous

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



56.8300, -5.2730, 1.9510



57.2220, -0.5050, 3.6470



57.6740, 4.0340, 3.9860

Triad

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



57.2220, -0.5050, 3.6470



56.8930, 7.6110, -0.2690



54.7000, -8.0230, -3.2790

Complementary

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



57.2220, -0.5050, 3.6470



61.7780, 0.5050, -3.6470

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.



55.3260, -4.0340, -3.9860



57.2220, -0.5050, 3.6470



56.4580, 4.4020, -2.6860

Square

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



57.2220, -0.5050, 3.6470



57.2460, 8.1150, 1.6110



55.7780, 0.5050, -3.6470



55.1560, -9.3070, -2.0350

Rectangle

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



57.2220, -0.5050, 3.6470



57.3430, 6.4640, 4.0000



55.7780, 0.5050, -3.6470



54.7710, -6.7850, -3.6890

Sweetspot

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



57.2220, -0.5050, 3.6470



81.6410, -0.3670, 1.1450



58.9610, -4.2640, 0.1840



41.5270, -0.0460, 0.8340



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



57.2220, -0.5050, 3.6470



73.3900, -0.9180, 5.6260



58.4180, 1.8790, 4.4950



30.6410, -0.3670, 1.1450



23.9150, -5.5090, 39.2830



55.4360, -12.3040, 90.8640

Inverse Universe

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



58.2610, 3.7590, 3.4630



75.0980, 5.7760, 5.4560



60.5820, -1.8790, -4.4950



31.1250, 1.1460, 1.2580



35.1590, 40.4780, 37.3580



81.2260, 93.3790, 86.3630

Previews

White Background



This preview shows how the YIQ color 57.2220, -0.5050, 3.6470 looks on a white background.

Color Contrast Check

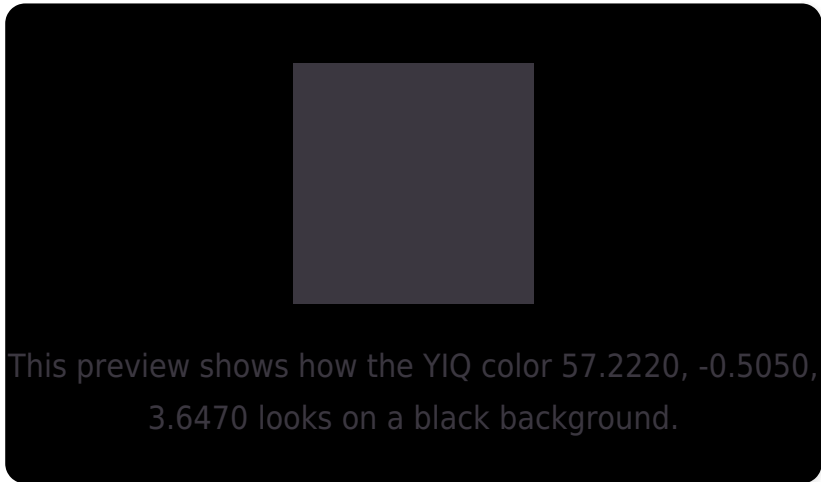
Large Text (above 18pt) WCAG AA ✓ Pass

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

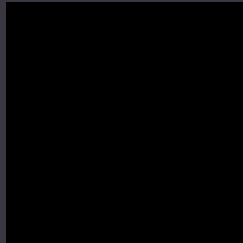
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.2220, -0.5050, 3.6470

Background



This preview shows how black text looks on a background with the YIQ color 57.2220, -0.5050, 3.6470.



This preview shows how white text looks on a background with the YIQ color 57.2220, -0.5050,

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

57.2220, -0.5050, 3.6470

Protanopia

56.7270, -3.4850, 2.5870

Deuteranopia

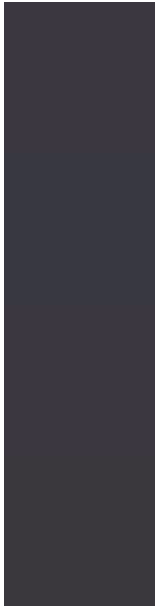
57.2220, -0.5050, 3.6470



Tritanopia

57.0540, -0.0920, 1.6680

Trichromacy



Original Color

57.2220, -0.5050, 3.6470

Protanomaly

57.0260, -2.8890, 2.7990

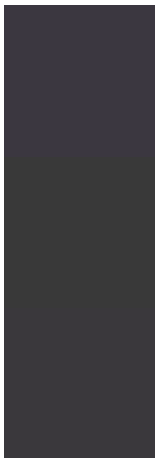
Deuteranomaly

57.2220, -0.5050, 3.6470

Tritanomaly

57.1680, -0.4130, 1.9790

Monochromacy



Original Color

57.2220, -0.5050, 3.6470

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2220, -0.5050, 3.6470 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, 55, 64)` looks like.

```
.text, #text, p{  
    color:rgb(59, 55, 64)  
}
```

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, 55, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 55, 64) }
```

Border

The CSS property to change the border of an element to YIQ 57.2220, -0.5050, 3.6470 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, 55, 64) }
```


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

```
.border{ border-color:rgb(59, 55, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 55, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 55, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 55, 64);  
box-shadow:4px 4px 4px 4px rgb(59, 55, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.2220, -0.5050, 3.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 55, 64) }
```

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

```
.background{ background-color: rgb(59, 55,  
64) }
```

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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