

Converting Colors

YIQ(77.3640, 1.9710, 2.8270)

Have a look what the booklet for
YIQ(77.3640, 1.9710, 2.8270)
contains.

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Color

YIQ(77.3640, 1.9710, 2.8270)

Conversions

Conversions Part 1

Format	Color
Hex	514B50
RGB	81, 75, 80
RGB Percent	32%, 29%, 31%
CMY	0.6823, 0.7059, 0.6863
CMYK	0.00, 0.07, 0.01, 0.68
HSL	310°, 4%, 31%
HSV	310°, 7%, 32%
XYZ	7.3576, 7.3605, 8.6225
YIQ	77.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

Format	Color
R_{YB}	81, 75, 80
Decimal	5327696
CIE Lab	32.61, 3.55, -2.07
CIE LCh	33, 4.109, 329.772
Yxy	7.3605, 0.3152, 0.3154
Android (android.graphics.Color)	4283517776 (0xFF514B50)
YUV	77.3640, 1.2995, 3.1888
Hunter-Lab	27.1303, 0.9304, 0.1477

Details

The YIQ color **77.3640, 1.9710, 2.8270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78.6360, -1.9710, -2.8270**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.3640, 1.9710, 2.8270**, and **33.0650, 1.3750, 2.6150** is the 20% darker color. If you saturate the color by 10%, you get **72.5540, 4.4920, 6.7000**, and if you desaturate by 10%, it is **82.1740, -0.5500, -1.0460**.

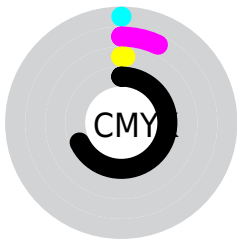
Distribution



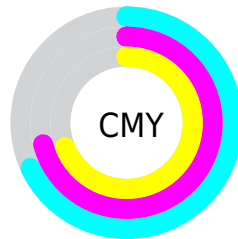
- Red (32%)
- Green (29%)
- Blue (31%)



- Red (32%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (68%)



- Cyan (68%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3640, 1.9710, 2.8270 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 77.3640, 1.9710, 2.8270 by changing the saturation by 10% instead.

■ 77.3640, 1.9710,
2.8270

■ 77.3640, 1.9710,
2.8270

255.0000, -0.0000,
-0.0000

■ 54.3640, 1.9710,
2.8270

■ 126.3640, 1.9710,
2.8270

■ 33.0650, 1.3750,
2.6150

■ 152.3640, 1.9710,
2.8270

■ 10.4890, 3.1170,
4.0850

■ 178.7770, 2.2460,
3.3500

■ 0.0000, 0.0000,
0.0000

■ 206.7770, 2.2460,
3.3500

■ 234.7770, 2.2460,
3.3500

■ 77.3640, 1.9710,
2.8270

■ 77.3640, 1.9710,
2.8270

■ 72.5540, 4.4920,
6.7000

■ 82.1740, -0.5500,
-1.0460

■ 67.6300, 7.3340,
10.2620

■ 87.0980, -3.3920,
-4.6080

■ 62.8200, 9.8550,
14.1350

■ 91.9080, -5.9130,
-8.4810

■ 58.0100, 12.3760,
18.0080

■ 96.7180, -8.4340,
-12.3540

■ 52.4990, 15.4930,
22.0930

■ 102.2290,
-11.5510, -16.4390

■ 47.6890, 18.0140,
25.9660

■ 107.0390,
-14.0720, -20.3120

■ 42.8790, 20.5350,
29.8390

■ 111.8490,
-16.5930, -24.1850

■ 37.9550, 23.3770,

■ 116.7730,

33.4010

-19.4350, -27.7470

■ 33.1450, 25.8980,
37.2740

■ 121.5830,
-21.9560, -31.6200

Harmonies

Analogous

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



76.9830, -1.3300, 2.0780



77.3640, 1.9710, 2.8270



77.6200, 4.1260, 2.3180

Triad

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



77.3640, 1.9710, 2.8270



76.5120, 4.3100, -1.0180



76.1240, -6.2810, -1.8090

Complementary

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



77.3640, 1.9710, 2.8270



78.6360, -1.9710, -2.8270

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.



76.0810, -4.7220, -2.5300



77.3640, 1.9710, 2.8270



76.0170, 1.3300, -2.0780

Square

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



77.3640, 1.9710, 2.8270



76.6370, 5.4560, 0.2400



75.6360, -1.9710, -2.8270



76.0640, -6.0520, -0.4520

Rectangle

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



77.3640, 1.9710, 2.8270



77.6910, 5.3640, 1.9080



75.6360, -1.9710, -2.8270



76.0100, -5.9600, -2.1200

Sweetspot

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



77.3640, 1.9710, 2.8270



103.1250, 1.1460, 1.2580



75.9830, -1.3300, 2.0780



52.7120, 0.8710, 0.7350



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



77.3640, 1.9710, 2.8270



98.9020, 3.3920, 4.6080



77.0220, 2.9340, 1.8940



38.5380, 1.4210, 1.7810



41.3130, 34.6530, 49.3170



91.3700, 76.3190, 109.2070

Inverse Universe

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



77.3640, 1.9710, 2.8270



98.9020, 3.3920, 4.6080



78.9780, -2.9340, -1.8940



38.5380, 1.4210, 1.7810



41.3130, 34.6530, 49.3170



91.3700, 76.3190, 109.2070

Previews

White Background



This preview shows how the YIQ color 77.3640, 1.9710, 2.8270 looks on a white background.

Color Contrast Check

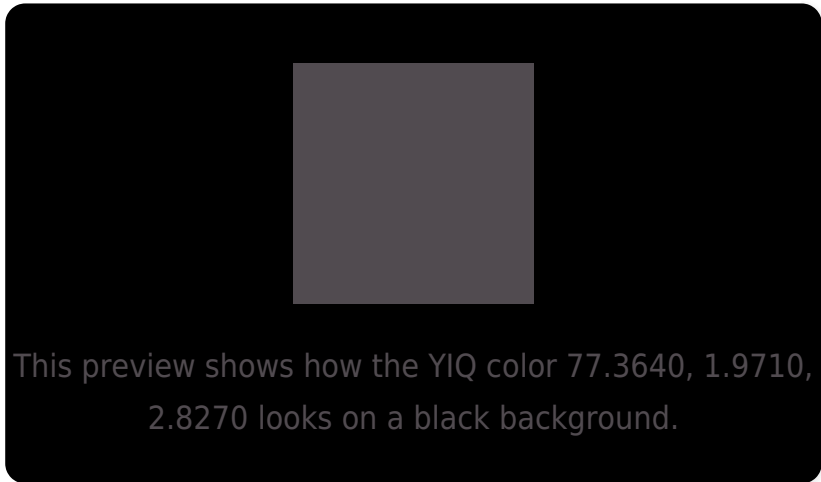
Large Text (above 18pt) WCAG AA ✓ Pass

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

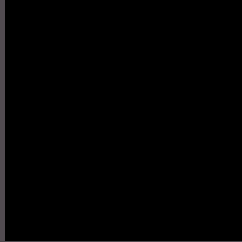
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.3640, 1.9710, 2.8270

Background



This preview shows how black text looks on a background with the YIQ color 77.3640, 1.9710, 2.8270.



This preview shows how white text looks on a background with the YIQ color 77.3640, 1.9710, 2.8270.

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

77.3640, 1.9710, 2.8270

Protanopia

76.8690, -1.0090, 1.7670

Deuteranopia

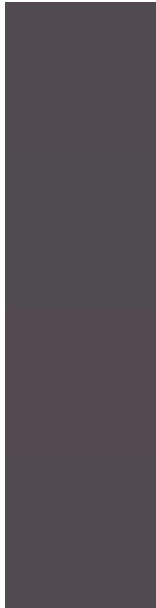
77.3750, 3.4380, 3.7740



Tritanopia

77.4780, 1.6500, 3.1380

Trichromacy



Original Color

77.3640, 1.9710, 2.8270

Protanomaly

77.1680, -0.4130, 1.9790

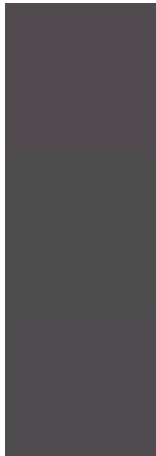
Deuteranomaly

77.0760, 2.8420, 3.5620

Tritanomaly

77.4780, 1.6500, 3.1380

Monochromacy



Original Color

77.3640, 1.9710, 2.8270

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3640, 1.9710, 2.8270 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(81, 75, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 75, 80)  
}
```

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(81, 75, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 75, 80) }
```

Border

The CSS property to change the border of an element to YIQ 77.3640, 1.9710, 2.8270 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(81, 75, 80) }
```

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

```
.border{ border-color:rgb(81, 75, 80) }
```

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

Here you see how a box with a 4 pixel rgb(81, 75, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 75, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 75, 80);  
box-shadow:4px 4px 4px 4px rgb(81, 75, 80)  
}
```


Background

The CSS property to change the background color of an element to YIQ 77.3640, 1.9710, 2.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 75, 80) }
```

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

```
.background{ background-color: rgb(81, 75,  
80) }
```

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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