

Converting Colors

YIQ(20.3750, 3.4380, 3.7740)

Have a look what the booklet for
YIQ(20.3750, 3.4380, 3.7740)
contains.

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Color

YIQ(20.3750, 3.4380, 3.7740)

Conversions

Conversions Part 1

Format	Color
Hex	1A1117
RGB	26, 17, 23
RGB Percent	10%, 7%, 9%
CMY	0.8980, 0.9333, 0.9098
CMYK	0.00, 0.35, 0.12, 0.90
HSL	320°, 21%, 8%
HSV	320°, 35%, 10%
XYZ	0.7812, 0.6823, 0.9013
YIQ	20.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

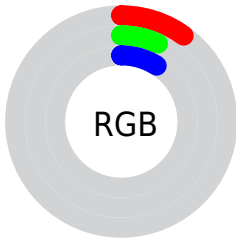
Format	Color
R_YB	26, 17, 23
Decimal	1708311
CIE Lab	6.16, 5.44, -2.26
CIE LCh	6, 5.888, 337.384
Yxy	0.6823, 0.3304, 0.2885
Android (android.graphics.Color)	4279898391 (0xFF1A1117)
YUV	20.3750, 1.2941, 4.9331
Hunter-Lab	8.2604, 2.4259, -0.6866

Details

The YIQ color **20.3750, 3.4380, 3.7740** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **22.6250, -3.4380, -3.7740**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **62.6740, 4.0340, 3.9860**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.5000, 4.5840, 5.0320**, and if you desaturate by 10%, it is **22.2500, 2.2920, 2.5160**.

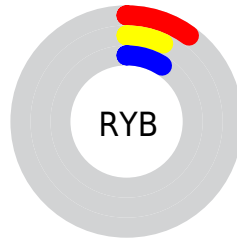
Distribution



Red (10%)

Green (7%)

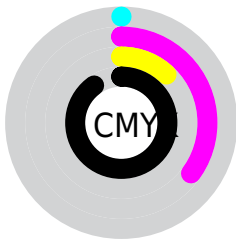
Blue (9%)



Red (10%)

Yellow (7%)

Blue (9%)

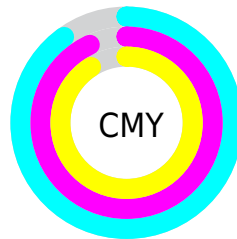


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (90%)



Cyan (90%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.3750, 3.4380, 3.7740 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 20.3750, 3.4380, 3.7740 by changing the saturation by 10% instead.

■ 20.3750, 3.4380,
3.7740

■ 20.3750, 3.4380,
3.7740

■ 245.3860, 4.9050,
4.7210

■ 0.0000, 0.0000,
0.0000

■ 62.6740, 4.0340,
3.9860

■ 85.7880, 3.7130,
4.2970

■ 110.0870, 4.3090,
4.5090

■ 136.0870, 4.3090,
4.5090

■ 162.0870, 4.3090,
4.5090

■ 189.0870, 4.3090,

4.5090

■ 216.5000, 4.5840,
5.0320

■ 20.3750, 3.4380,
3.7740

■ 20.3750, 3.4380,
3.7740

■ 18.5000, 4.5840,
5.0320

■ 22.2500, 2.2920,
2.5160

■ 17.2120, 5.4550,
5.7670

■ 23.5380, 1.4210,
1.7810

■ 15.3370, 6.6010,
7.0250

■ 25.4130, 0.2750,
0.5230

■ 14.1630, 7.1510,
8.0710

■ 26.5870, -0.2750,
-0.5230

■ 12.2880, 8.2970,
9.3290

■ 28.4620, -1.4210,
-1.7810

■ 10.4130, 9.4430,
10.5870

■ 30.3370, -2.5670,
-3.0390

■ 9.7120, 10.0390,
10.7990

■ 31.6250, -3.4380,
-3.7740

■ 33.5000, -4.5840,
-5.0320

■ 34.7880, -5.4550,
-5.7670

Harmonies

Analogous

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



20.1080, -0.1840, 3.3360



20.3750, 3.4380, 3.7740



20.5170, 5.9140, 2.9540

Triad

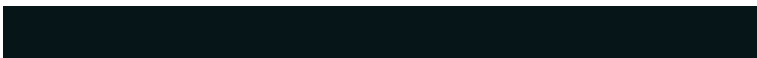
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.3750, 3.4380, 3.7740



19.2300, 5.0440, -3.3080



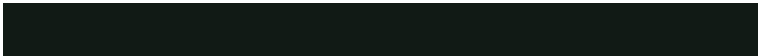
17.4440, -10.1780, -2.7700

Complementary

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



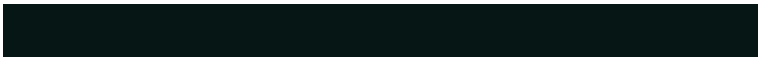
20.3750, 3.4380, 3.7740



22.6250, -3.4380, -3.7740

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.



17.1020, -9.2150, -3.7030



20.3750, 3.4380, 3.7740



18.6640, 0.8260, -3.9580

Square

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



20.3750, 3.4380, 3.7740



19.3660, 7.6570, -1.1030



18.0270, -4.6300, -4.1980



18.3950, -8.4820, -0.4660

Rectangle

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



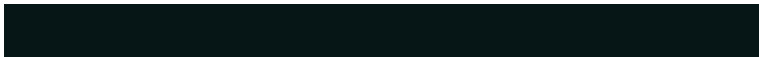
20.3750, 3.4380, 3.7740



20.0610, 7.1980, 1.7100



18.0270, -4.6300, -4.1980



17.3300, -9.8570, -3.0810

Sweetspot

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



20.3750, 3.4380, 3.7740



31.1250, 1.1460, 1.2580



18.9230, -1.1010, 3.4350



16.7120, 0.8710, 0.7350



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



20.3750, 3.4380, 3.7740



24.3260, 5.1340, 6.0780



19.8050, 5.0430, 2.2190



11.7120, 0.8710, 0.7350



28.8370, 29.5210, 32.1850



76.5000, 77.9280, 85.5440

Inverse Universe

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



20.3750, 3.4380, 3.7740



24.3260, 5.1340, 6.0780



23.1950, -5.0430, -2.2190



11.7120, 0.8710, 0.7350



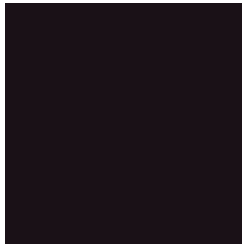
28.8370, 29.5210, 32.1850



76.5000, 77.9280, 85.5440

Previews

White Background



This preview shows how the YIQ color 20.3750, 3.4380, 3.7740 looks on a white background.

Color Contrast Check

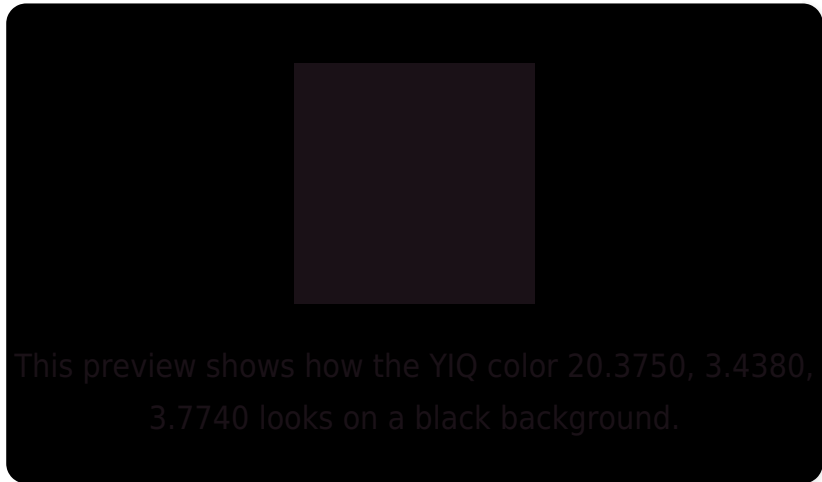
Large Text (above 18pt) WCAG AA ✓ Pass

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

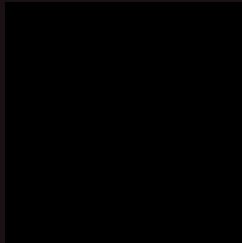
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.3750, 3.4380, 3.7740

Background



This preview shows how black text looks on a background with the YIQ color 20.3750, 3.4380, 3.7740.

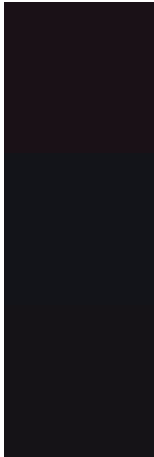


This preview shows how white text looks on a background with the YIQ color 20.3750, 3.4380, 3.7740.

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

20.3750, 3.4380, 3.7740

Protanopia

20.2710, -2.2010, 1.3430

Deuteranopia

20.0540, -0.0920, 1.6680



Tritanopia

20.5060, 4.4470, 2.0070

Trichromacy



Original Color

20.3750, 3.4380, 3.7740

Protanomaly

20.4670, 0.1830, 2.1910

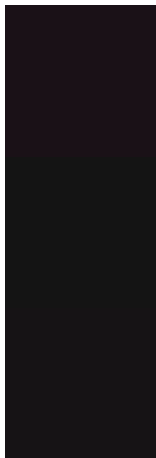
Deuteranomaly

20.0650, 1.3750, 2.6150

Tritanomaly

20.6200, 4.1260, 2.3180

Monochromacy



Original Color

20.3750, 3.4380, 3.7740

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.3750, 3.4380, 3.7740 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(26, 17, 23)` looks like.

```
.text, #text, p{  
    color:rgb(26, 17, 23)  
}
```

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(26, 17, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 17, 23) }
```

Border

The CSS property to change the border of an element to YIQ 20.3750, 3.4380, 3.7740 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(26, 17, 23) }
```

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

```
.border{ border-color:rgb(26, 17, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 17, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 17, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 17, 23);  
box-shadow:4px 4px 4px 4px rgb(26, 17, 23)  
}
```


Background

The CSS property to change the background color of an element to YIQ 20.3750, 3.4380, 3.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 17, 23) }
```

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

```
.background{ background-color: rgb(26, 17,  
23) }
```

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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