

Converting Colors

YIQ(20.0990, 4.0350, -1.5410)

Have a look what the booklet for
YIQ(20.0990, 4.0350, -1.5410)
contains.

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Color

**YIQ(20.0990, 4.0350,
-1.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	17140D
RGB	23, 20, 13
RGB Percent	9%, 8%, 5%
CMY	0.9098, 0.9216, 0.9490
CMYK	0.00, 0.13, 0.43, 0.91
HSL	42°, 28%, 7%
HSV	42°, 43%, 9%
XYZ	0.6762, 0.7115, 0.4827
YIQ	20.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

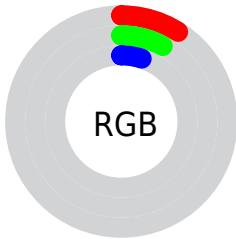
Format	Color
RYB	17, 23, 13
Decimal	1512461
CIELab	6.43, -0.00, 4.18
CIElCh	6, 4.177, 90.047
Yxy	0.7115, 0.3615, 0.3804
Android (android.graphics.Color)	4279702541 (0xFF17140D)
YUV	20.0990, -3.4998, 2.5442
Hunter-Lab	8.4351, -0.4523, 2.5120

Details

The YIQ color **20.0990, 4.0350, -1.5410** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.9010, -4.0350, 1.5410**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **62.2130, 3.7140, -1.2300**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.2840, 4.9520, -1.6400**, and if you desaturate by 10%, it is **20.9140, 3.1180, -1.4420**.

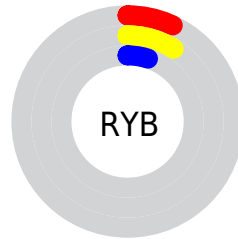
Distribution



Red (9%)

Green (8%)

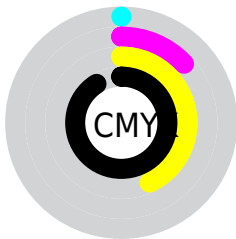
Blue (5%)



Red (7%)

Yellow (9%)

Blue (5%)

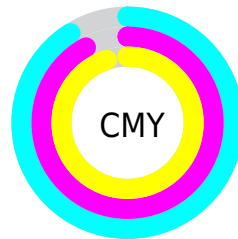


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (91%)



Cyan (91%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.0990, 4.0350, -1.5410 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 20.0990, 4.0350, -1.5410 by changing the saturation by 10% instead.

■ 20.0990, 4.0350,
-1.5410

■ 20.0990, 4.0350,
-1.5410

■ 244.3980, 4.6310,
-1.3290

■ 0.0000, 0.0000,
0.0000

■ 62.2130, 3.7140,
-1.2300

■ 85.5120, 4.3100,
-1.0180

■ 110.0990, 4.0350,
-1.5410

■ 135.3980, 4.6310,
-1.3290

■ 161.3980, 4.6310,
-1.3290

■ 188.3980, 4.6310,

-1.3290

■ 216.2840, 4.9520,
-1.6400

■ 20.0990, 4.0350,
-1.5410

■ 20.0990, 4.0350,
-1.5410

■ 19.2840, 4.9520,
-1.6400

■ 20.9140, 3.1180,
-1.4420

■ 18.9420, 5.9150,
-2.5730

■ 21.2560, 2.1550,
-0.5090

■ 18.1270, 6.8320,
-2.6720

■ 22.0710, 1.2380,
-0.4100

■ 17.3120, 7.7490,
-2.7710

■ 22.8860, 0.3210,
-0.3110

■ 17.0840, 8.3910,
-3.3930

■ 23.2280, -0.6420,
0.6220

■ 16.2690, 9.3080,
-3.4920

■ 24.0430, -1.5590,
0.7210

■ 24.8580, -2.4760,
0.8200

■ 25.6730, -3.3930,
0.9190

■ 26.0150, -4.3560,
1.8520

Harmonies

Analogous

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



20.5230, 5.7770, -0.0710



20.0990, 4.0350, -1.5410



19.6040, 1.0550, -2.6010

Triad

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



20.0990, 4.0350, -1.5410



19.1240, -6.2810, -1.8090



20.9510, 1.6960, 2.3040

Complementary

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



20.0990, 4.0350, -1.5410



15.9010, -4.0350, 1.5410

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.



20.2820, -0.7340, 2.2900



20.0990, 4.0350, -1.5410



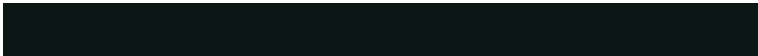
19.0640, -6.0520, -0.4520

Square

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



20.0990, 4.0350, -1.5410



18.7820, -5.3180, -2.7420



19.7870, -3.7140, 1.2300



20.6200, 4.1260, 2.3180

Rectangle

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



20.0990, 4.0350, -1.5410



19.8210, -1.0540, -2.9260



19.7870, -3.7140, 1.2300



20.7660, 0.7790, 2.4030

Sweetspot

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



20.0990, 4.0350, -1.5410



29.3700, 1.8340, -0.1980



16.3320, 4.9970, 3.0530



14.7720, 0.6420, -0.6220



143.0000, -0.0000, 0.0000



15.0000, -0.0000, -0.0000

Same Dimension

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



20.0990, 4.0350, -1.5410



26.2410, 6.5110, -2.3610



21.2620, 2.0180, -3.5340



12.1850, 0.9170, -0.0990



54.7210, 31.0420, -11.9180



144.9370, 82.2590, -31.5410

Inverse Universe

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



15.9010, -4.0350, 1.5410



19.1720, -6.2360, 2.8840



14.7380, -2.0180, 3.5340



11.8150, -0.9170, 0.0990



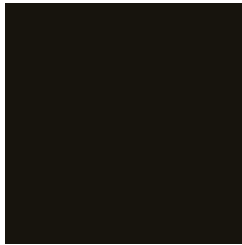
22.2790, -31.0420, 11.9180



59.0630, -82.2590, 31.5410

Previews

White Background



This preview shows how the YIQ color 20.0990, 4.0350, -1.5410 looks on a white background.

Color Contrast Check

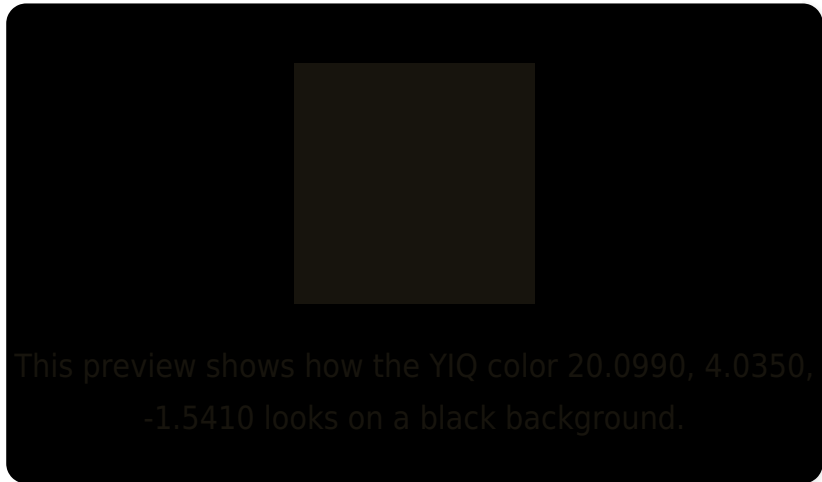
Large Text (above 18pt) WCAG AA ✓ Pass

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

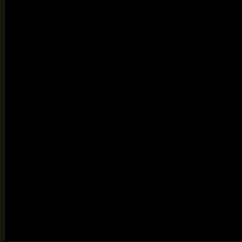
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.0990, 4.0350, -1.5410

Background



This preview shows how black text looks on a background with the YIQ color 20.0990, 4.0350, -1.5410.



This preview shows how white text looks on a background with the YIQ color 20.0990, 4.0350,

-1.5410.

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

20.0990, 4.0350, -1.5410

Protanopia

19.8000, 3.4390, -1.7530

Deuteranopia

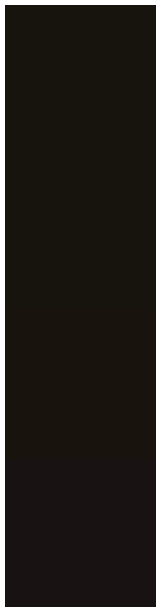
19.8110, 4.9060, -0.8060



Tritanopia

20.7230, 2.3380, 1.6820

Trichromacy



Original Color

20.0990, 4.0350, -1.5410

Protanomaly

19.8000, 3.4390, -1.7530

Deuteranomaly

19.8110, 4.9060, -0.8060

Tritanomaly

20.3810, 3.3010, 0.7490

Monochromacy



Original Color

20.0990, 4.0350, -1.5410

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

19.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.0990, 4.0350, -1.5410 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(23, 20, 13)` looks like.

```
.text, #text, p{  
    color:rgb(23, 20, 13)  
}
```

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(23, 20, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 20, 13) }
```

Border

The CSS property to change the border of an element to YIQ 20.0990, 4.0350, -1.5410 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(23, 20, 13) }
```


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

```
.border{ border-color:rgb(23, 20, 13) }
```

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

Here you see how a box with a 4 pixel rgb(23, 20, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 20, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 20, 13);  
box-shadow:4px 4px 4px 4px rgb(23, 20, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 20.0990, 4.0350, -1.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 20, 13) }
```

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

```
.background{ background-color: rgb(23, 20,  
13) }
```

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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