

Converting Colors

YIQ(20.3000, -1.1450, -6.7850)

Have a look what the booklet for
YIQ(20.3000, -1.1450, -6.7850)
contains.

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Color

**YIQ(20.3000, -1.1450,
-6.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	0F190A
RGB	15, 25, 10
RGB Percent	6%, 10%, 4%
CMY	0.9412, 0.9019, 0.9608
CMYK	0.40, 0.00, 0.60, 0.90
HSL	100°, 43%, 7%
HSV	100°, 60%, 10%
XYZ	0.5994, 0.8188, 0.4137
YIQ	20.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

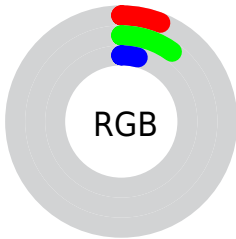
Format	Color
R_{YB}	10, 25, 20
Decimal	989450
CIE _{Lab}	7.40, -7.33, 6.84
CIE _{LCh}	7, 10.022, 136.993
Yxy	0.8188, 0.3272, 0.4470
Android (android.graphics.Color)	4279179530 (0xFF0F190A)
YUV	20.3000, -5.0779, -4.6481
Hunter-Lab	9.0490, -4.0124, 3.6239

Details

The YIQ color **20.3000, -1.1450, -6.7850** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14.7000, 1.1450, 6.7850**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **63.1150, -2.0620, -6.6860**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4740, -1.6950, -7.8310**, and if you desaturate by 10%, it is **21.2400, -0.9160, -5.4280**.

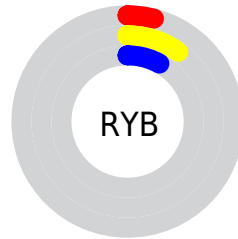
Distribution



Red (6%)

Green (10%)

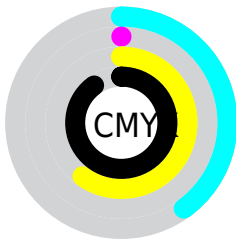
Blue (4%)



Red (4%)

Yellow (10%)

Blue (8%)

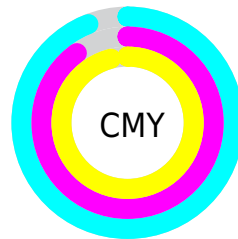


Cyan (40%)

Magenta (0%)

Yellow (60%)

Black (90%)



Cyan (94%)

Magenta (90%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.3000, -1.1450, -6.7850 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 20.3000, -1.1450, -6.7850 by changing the saturation by 10% instead.

■ 20.3000, -1.1450,
-6.7850

■ 20.3000, -1.1450,
-6.7850

■ 245.1750, -2.2910,
-8.0430

■ 0.0000, 0.0000,
0.0000

■ 63.1150, -2.0620,
-6.6860

■ 86.1150, -2.0620,
-6.6860

■ 110.7020, -2.3370,
-7.2090

■ 136.0010, -1.7410,
-6.9970

■ 162.5880, -2.0160,
-7.5200

■ 189.1750, -2.2910,

-8.0430

■ 217.1750, -2.2910,
-8.0430

■ 20.3000, -1.1450,
-6.7850

■ 20.3000, -1.1450,
-6.7850

■ 19.4740, -1.6950,
-7.8310

■ 21.2400, -0.9160,
-5.4280

■ 18.8330, -1.3280,
-8.9760

■ 21.7670, -0.9620,
-4.5940

■ 18.0070, -1.8780,
-10.0220

■ 22.7070, -0.7330,
-3.2370

■ 17.0670, -2.1070,
-11.3790

■ 23.5330, -0.1830,
-2.1910

■ 24.1740, -0.5500,
-1.0460

■ 25.0000, -0.0000,
-0.0000

■ 25.9400, 0.2290,
1.3570

■ 26.4670, 0.1830,
2.1910

■ 27.4070, 0.4120,
3.5480

Harmonies

Analogous

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



21.1330, 6.6950, -5.6970



20.3000, -1.1450, -6.7850



18.6240, -10.8650, -6.8410

Triad

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



20.3000, -1.1450, -6.7850



20.4700, -13.0670, 0.0290



22.4960, 10.4070, 4.1270

Complementary

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



20.3000, -1.1450, -6.7850



14.7000, 1.1450, 6.7850

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.



23.2830, 6.6930, 5.3570



20.3000, -1.1450, -6.7850



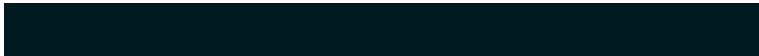
22.5850, -5.9610, 3.4070

Square

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



20.3000, -1.1450, -6.7850



18.9100, -17.4220, -3.6460



23.0590, 1.5120, 5.6400



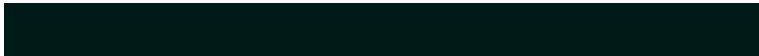
22.3450, 12.1500, 0.0700

Rectangle

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



20.3000, -1.1450, -6.7850



17.9980, -14.8540, -6.1340



23.0590, 1.5120, 5.6400



22.8380, 9.4440, 5.0600

Sweetspot

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



20.3000, -1.1450, -6.7850



31.1200, -0.4580, -2.7140



20.3550, 6.1900, -2.0500



16.6470, -0.5040, -1.8800



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

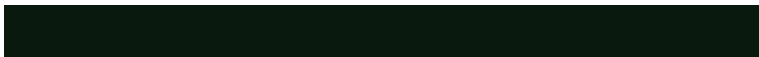
The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.3000, -1.1450, -6.7850



25.4800, -1.8320, -10.8560



19.1470, -5.0880, -6.9120



12.4730, 0.0460, -0.8340



52.6740, -6.2750, -34.9710



140.0800, -15.5720, -92.2760

Inverse Universe

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



14.7000, 1.1450, 6.7850



16.5200, 1.8320, 10.8560



15.9670, 4.7670, 7.2230



11.5270, -0.0460, 0.8340



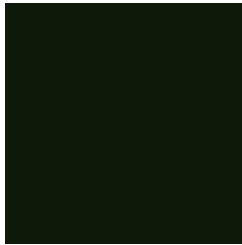
24.0270, 5.6790, 34.7590



63.9200, 15.5720, 92.2760

Previews

White Background



This preview shows how the YIQ color 20.3000, -1.1450, -6.7850 looks on a white background.

Color Contrast Check

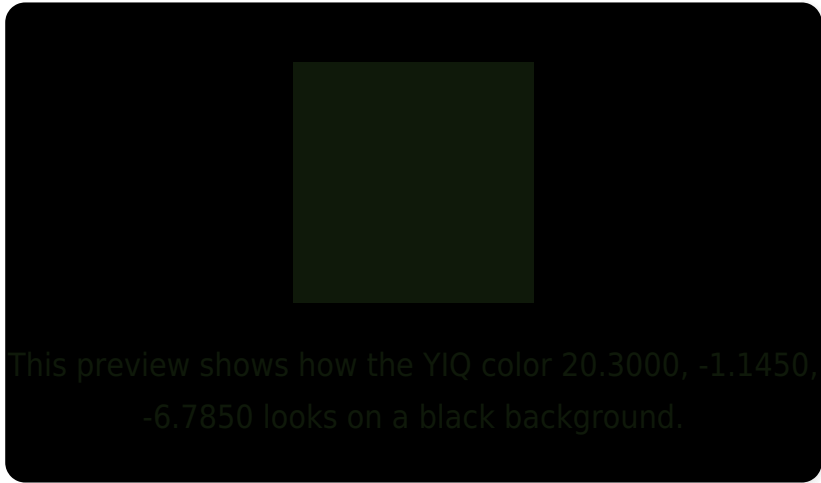
Large Text (above 18pt) WCAG AA ✓ Pass

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

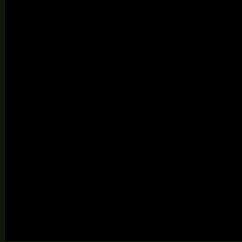
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.3000, -1.1450, -6.7850

Background



This preview shows how black text looks on a background with the YIQ color 20.3000, -1.1450, -6.7850.



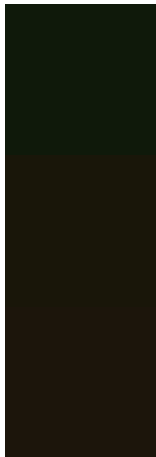
This preview shows how white text looks on a background with the YIQ color 20.3000, -1.1450,

-6.7850.

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

20.3000, -1.1450, -6.7850

Protanopia

21.4150, 5.9610, -3.4070

Deuteranopia

21.9530, 7.3820, -1.6260



Tritanopia

21.7330, -3.6220, -0.4380

Trichromacy



Original Color

20.3000, -1.1450, -6.7850

Protanomaly

20.8060, 3.3020, -4.7780

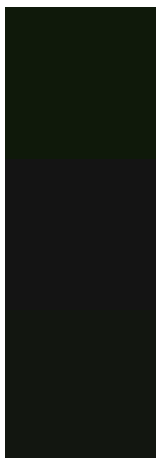
Deuteranomaly

21.0450, 4.1270, -3.2090

Tritanomaly

21.4510, -2.8880, -2.7280

Monochromacy



Original Color

20.3000, -1.1450, -6.7850

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.1200, -0.4580, -2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.3000, -1.1450, -6.7850 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(15, 25, 10)` looks like.

```
.text, #text, p{  
    color:rgb(15, 25, 10)  
}
```

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(15, 25, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 25, 10) }
```

Border

The CSS property to change the border of an element to YIQ 20.3000, -1.1450, -6.7850 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(15, 25, 10) }
```


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

```
.border{ border-color:rgb(15, 25, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 25, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 25, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 25, 10);  
box-shadow:4px 4px 4px 4px rgb(15, 25, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 20.3000, -1.1450, -6.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 25, 10) }
```

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

```
.background{ background-color: rgb(15, 25,  
10) }
```

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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