

Converting Colors

YIQ(94.9530, 104.8070, 22.3990)

Have a look what the booklet for
YIQ(94.9530, 104.8070, 22.3990)
contains.

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Color

**YIQ(94.9530, 104.8070,
22.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	D13411
RGB	209, 52, 17
RGB Percent	82%, 20%, 7%
CMY	0.1800, 0.7963, 0.9329
CMYK	0.00, 0.75, 0.92, 0.18
HSL	11°, 85%, 44%
HSV	11°, 92%, 82%
XYZ	27.6470, 16.0593, 2.1776
YIQ	94.9530, 104.8070, 22.3990

Conversions

Conversions Part 2

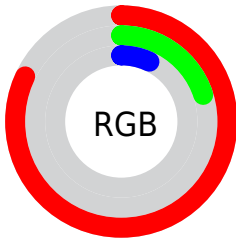
Format	Color
R_{YB}	209, 60, 17
Decimal	13710353
CIE _{Lab}	47.05, 59.51, 54.42
CIE _{LCh}	47, 80.645, 42.443
Yxy	16.0593, 0.6025, 0.3500
Android (android.graphics.Color)	4291900433 (0xFFD13411)
YUV	94.9530, -38.4308, 100.0192
Hunter-Lab	40.0741, 53.0170, 24.8301

Details

The YIQ color **94.9530, 104.8070, 22.3990** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **131.0470, -104.8070, -22.3990**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4530, 100.2230, 17.3670**, and **43.3550, 86.4200, 30.7400** is the 20% darker color. If you saturate the color by 10%, you get **84.7970, 114.1140, 24.4340**, and if you desaturate by 10%, it is **107.3260, 93.3910, 20.0390**.

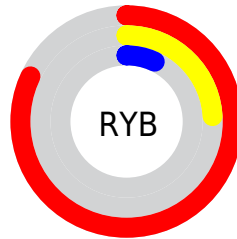
Distribution



Red (82%)

Green (20%)

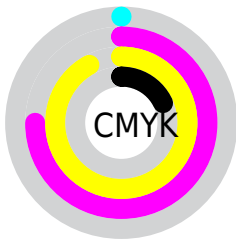
Blue (7%)



Red (82%)

Yellow (24%)

Blue (7%)

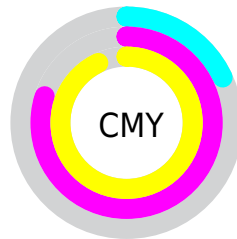


Cyan (0%)

Magenta (75%)

Yellow (92%)

Black (18%)



Cyan (18%)


Magenta (80%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.9530, 104.8070, 22.3990 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 94.9530, 104.8070, 22.3990 by changing the saturation by 10% instead.


 94.9530, 104.8070,
22.3990


 94.9530, 104.8070,
22.3990


255.0000, -0.0000,
-0.0000


 59.3800, 102.4670,
31.7710


 148.4530,
100.2230, 17.3670


 43.3550, 86.4200,
30.7400


 167.7390, 84.4980,
10.4980


 34.0860, 67.9440,
24.1680


 187.7260, 68.1770,
3.4170

 24.8170, 49.4680,
17.5960

 207.1260, 52.1310,
-3.1410

 16.6730, 32.1380,
12.2820

 227.2270, 35.4890,
-9.9110

 2.9900, 5.9600,
2.1200

 248.0290, 18.2510,

 0.0000, 0.0000,

-16.8930

0.0000

251.8080, 8.9880,
-8.7080

94.9530, 104.8070,
22.3990

94.9530, 104.8070,
22.3990

84.7970, 114.1140,
24.4340

107.3260, 93.3910,
20.0390

119.6990, 81.9750,
17.6790

132.0720, 70.5590,
15.3190

144.4450, 59.1430,
12.9590

157.4050, 47.4520,
10.0760

■ 169.7780, 36.0360,
7.7160

■ 182.0370, 24.9410,
5.0450

■ 194.4100, 13.5250,
2.6850

■ 206.7830, 2.1090,
0.3250

Harmonies

Analogous

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



77.4920, 106.7690, 74.9690



94.9530, 104.8070, 22.3990



104.8230, 74.5530, -13.0230

Triad

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



94.9530, 104.8070, 22.3990



88.0570, -59.1820, -50.8140



93.2010, -109.4910, 18.4530

Complementary

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



94.9530, 104.8070, 22.3990



131.0470, -104.8070, -22.3990

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.



104.5990, -114.0280, 7.0600



94.9530, 104.8070, 22.3990



97.4390, -82.8440, -29.4680

Square

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



94.9530, 104.8070, 22.3990



76.8970, -36.0250, -68.5130



104.1480, -103.1130, -9.0410



112.5480, -2.2570, 57.4470

Rectangle

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



94.9530, 104.8070, 22.3990



104.6250, 48.1470, -30.0690



104.1480, -103.1130, -9.0410



98.3530, -112.9750, 15.5130

Sweetspot

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



94.9530, 104.8070, 22.3990



212.8600, 38.7410, 8.2530



92.6480, 63.0720, 90.4640



101.8520, 24.0240, 5.1440



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



94.9530, 104.8070, 22.3990



103.2470, 139.3300, 30.0020



149.5440, 79.2320, -26.2400



98.4630, 6.0060, 1.2860



68.4290, 91.6030, 19.4030



16.3680, 22.5110, 5.0310

Inverse Universe

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



131.0470, -104.8070, -22.3990



151.7530, -139.3300, -30.0020



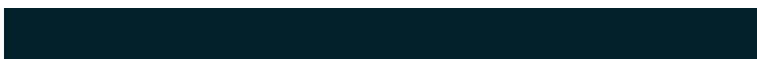
76.4560, -79.2320, 26.2400



100.5370, -6.0060, -1.2860



100.1580, -91.8780, -19.9260



24.0450, -22.2360, -4.5080

Previews

White Background



This preview shows how the YIQ color 94.9530, 104.8070, 22.3990 looks on a white background.

Color Contrast Check

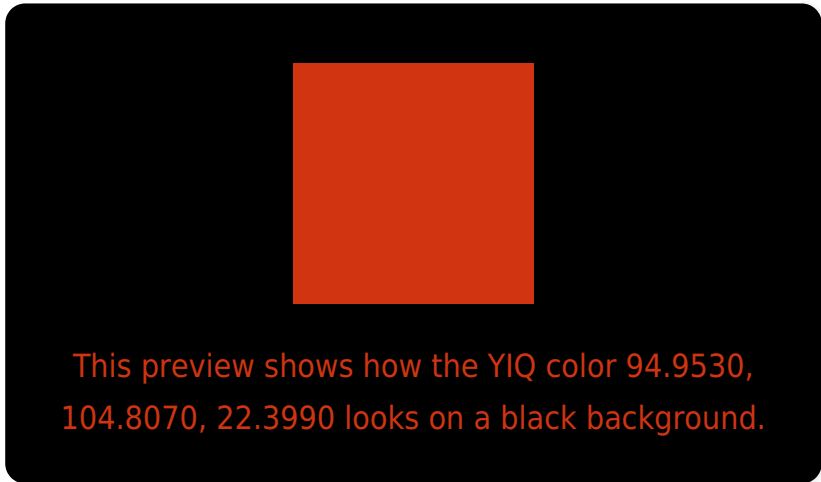
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

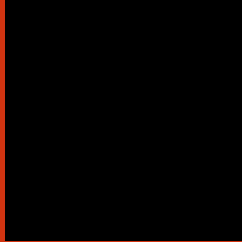
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.9530, 104.8070, 22.3990

Background



This preview shows how black text looks on a background with the YIQ color 94.9530, 104.8070, 22.3990.



This preview shows how white text looks on a background with the YIQ color 94.9530, 104.8070,

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

94.9530, 104.8070, 22.3990

Protanopia

107.6530, 33.7490, -22.4350

Deuteranopia

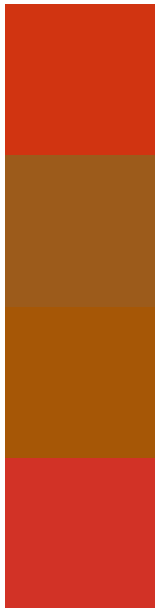
105.2670, 55.2070, -25.8570



Tritanopia

97.2530, 95.6350, 34.4430

Trichromacy



Original Color

94.9530, 104.8070, 22.3990

Protanomaly

103.1390, 59.2840, -6.1240

Deuteranomaly

101.3870, 73.0850, -8.4430

Tritanomaly

96.4720, 99.2120, 30.1880

Monochromacy



Original Color

94.9530, 104.8070, 22.3990

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.6750, 37.8240, 8.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.9530, 104.8070, 22.3990 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(209, 52, 17)` looks like.

```
.text, #text, p{  
    color:rgb(209, 52, 17)  
}
```

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(209, 52, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 52, 17) }
```

Border

The CSS property to change the border of an element to YIQ 94.9530, 104.8070, 22.3990 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(209, 52, 17) }
```


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

```
.border{ border-color:rgb(209, 52, 17) }
```

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

Here you see how a box with a 4 pixel rgb(209, 52, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 52, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 52, 17);  
box-shadow:4px 4px 4px 4px rgb(209, 52,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 94.9530, 104.8070, 22.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 52, 17) }
```

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

```
.background{ background-color: rgb(209, 52,  
17) }
```

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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