

Converting Colors

YIQ(91.1090, 95.5000, 20.3640)

Have a look what the booklet for
YIQ(91.1090, 95.5000, 20.3640)
contains.

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Color

**YIQ(91.1090, 95.5000,
20.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	C33414
RGB	195, 52, 20
RGB Percent	76%, 20%, 8%
CMY	0.2350, 0.7963, 0.9212
CMYK	0.00, 0.73, 0.90, 0.23
HSL	11°, 81%, 42%
HSV	11°, 90%, 77%
XYZ	23.8793, 14.1145, 2.1324
YIQ	91.1090, 95.5000, 20.3640

Conversions

Conversions Part 2

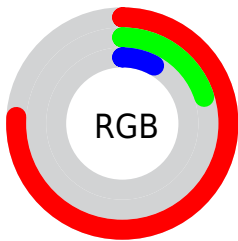
Format	Color
R_{YB}	195, 59, 20
Decimal	12792852
CIE _{Lab}	44.40, 55.17, 50.22
CIE _{LCh}	44, 74.604, 42.313
Yxy	14.1145, 0.5951, 0.3518
Android (android.graphics.Color)	4290982932 (0xFFC33414)
YUV	91.1090, -35.0567, 91.1124
Hunter-Lab	37.5692, 47.7098, 22.9332

Details

The YIQ color **91.1090, 95.5000, 20.3640** 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 **123.8910, -95.5000, -20.3640**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5070, 100.1310, 19.0350**, and **39.4680, 78.6720, 27.9840** is the 20% darker color. If you saturate the color by 10%, you get **79.5510, 105.9990, 22.8230**, and if you desaturate by 10%, it is **102.7810, 84.6800, 18.2160**.

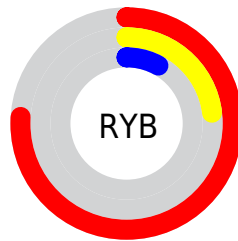
Distribution



Red (76%)

Green (20%)

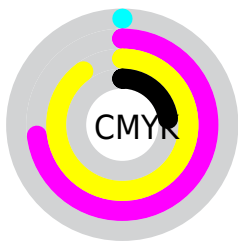
Blue (8%)



Red (76%)

Yellow (23%)

Blue (8%)

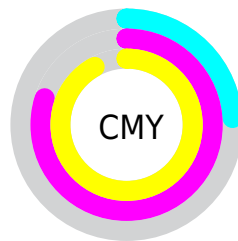


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (23%)



Cyan (24%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.1090, 95.5000, 20.3640 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 91.1090, 95.5000, 20.3640 by changing the saturation by 10% instead.

■ 91.1090, 95.5000,
20.3640

■ 91.1090, 95.5000,
20.3640

■ 255.0000, -0.0000,
-0.0000

■ 58.4280, 93.3440,
26.4000

■ 147.5070,
100.1310, 19.0350

■ 39.4680, 78.6720,
27.9840

■ 166.6790, 84.7270,
11.8550

■ 30.1990, 60.1960,
21.4120

■ 186.0790, 68.6810,
5.2970

■ 21.6420, 42.5910,
15.5750

■ 205.4790, 52.6350,
-1.2610

■ 12.9710, 25.3070,
9.4270

■ 225.5800, 35.9930,
-8.0310

■ 0.0000, 0.0000,
0.0000

■ 246.3820, 18.7550,

-15.0130

■ 251.9220, 8.6670,
-8.3970

■ 91.1090, 95.5000,
20.3640

■ 91.1090, 95.5000,
20.3640

■ 79.5510, 105.9990,
22.8230

■ 102.7810, 84.6800,
18.2160

■ 79.4370, 106.3200,
22.5120

■ 114.3390, 74.1810,
15.7570

■ 126.0110, 63.3610,
13.6090

■ 137.5690, 52.8620,
11.1500

■ 149.2410, 42.0420,
9.0020

■ 160.7990, 31.5430,
6.5430

■ 172.4710, 20.7230,
4.3950

■ 184.0290, 10.2240,
1.9360

■ 195.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



72.5510, 99.1130, 70.5450



91.1090, 95.5000, 20.3640



98.8980, 69.9680, -12.5280

Triad

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



91.1090, 95.5000, 20.3640



83.0190, -56.0190, -47.5630



87.6270, -102.0630, 15.9930

Complementary

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



91.1090, 95.5000, 20.3640



123.8910, -95.5000, -20.3640

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.



97.2640, -105.7750, 6.1690



91.1090, 95.5000, 20.3640



91.7170, -77.7550, -28.0830

Square

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



91.1090, 95.5000, 20.3640



75.7890, -26.6730, -61.7850



97.7420, -96.0980, -9.5220



106.0870, -2.5770, 52.2310

Rectangle

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



91.1090, 95.5000, 20.3640



98.1240, 45.3040, -28.1040



97.7420, -96.0980, -9.5220



92.0780, -104.9510, 13.2650

Sweetspot

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



91.1090, 95.5000, 20.3640



211.9630, 36.9530, 7.6170



88.9690, 57.4340, 82.5060



103.3680, 22.5110, 5.0310



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.



91.1090, 95.5000, 20.3640



102.3500, 137.5420, 29.3660



141.0040, 72.1250, -24.0910



91.1640, 5.4100, 1.0740



65.1620, 87.9810, 18.9650



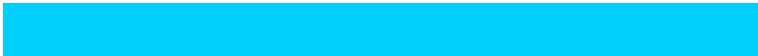
13.3890, 18.0180, 3.8580

Inverse Universe

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



123.8910, -95.5000, -20.3640



150.2370, -137.8170, -29.8890



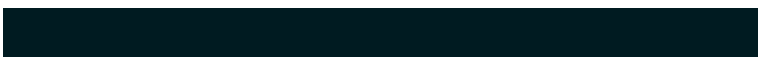
73.9960, -72.1250, 24.0910



92.8360, -5.4100, -1.0740



95.2510, -87.7060, -18.4420



19.6110, -18.0180, -3.8580

Previews

White Background



This preview shows how the YIQ color 91.1090, 95.5000, 20.3640 looks on a white background.

Color Contrast Check

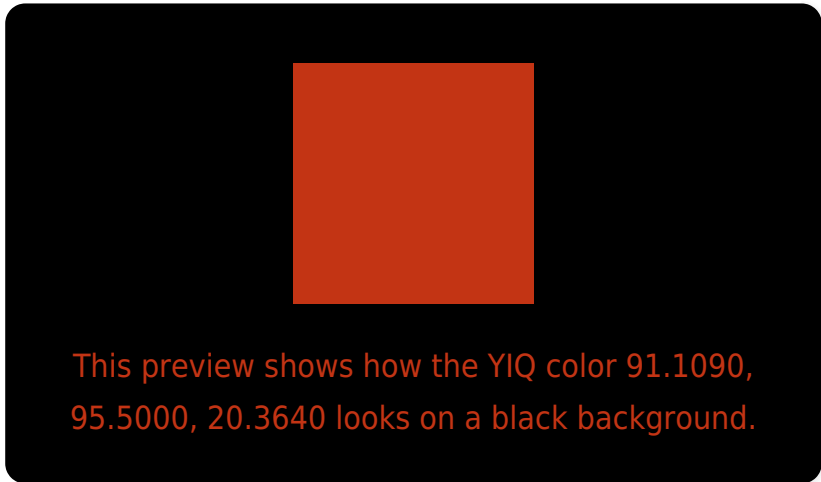
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.1090, 95.5000, 20.3640

Background



This preview shows how black text looks on a background with the YIQ color 91.1090, 95.5000, 20.3640.



This preview shows how white text looks on a background with the YIQ color 91.1090, 95.5000,

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

91.1090, 95.5000, 20.3640

Protanopia

101.5650, 31.1810, -19.9470

Deuteranopia

98.7660, 52.3640, -23.8920



Tritanopia

93.0670, 87.2910, 31.4750

Trichromacy



Original Color

91.1090, 95.5000, 20.3640

Protanomaly

97.6270, 54.9740, -5.1060

Deuteranomaly

96.1630, 67.9040, -8.1600

Tritanomaly

92.4000, 90.5470, 27.5310

Monochromacy



Original Color

91.1090, 95.5000, 20.3640

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.1800, 34.8440, 7.2920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.1090, 95.5000, 20.3640 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(195, 52, 20)` looks like.

```
.text, #text, p{  
    color:rgb(195, 52, 20)  
}
```

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(195, 52, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 52, 20) }
```

Border

The CSS property to change the border of an element to YIQ 91.1090, 95.5000, 20.3640 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(195, 52, 20) }
```


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

```
.border{ border-color:rgb(195, 52, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 52, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 52, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 52, 20);  
box-shadow:4px 4px 4px 4px rgb(195, 52,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 91.1090, 95.5000, 20.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 52, 20) }
```

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

```
.background{ background-color: rgb(195, 52,  
20) }
```

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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