

Converting Colors

YIQ(95.5450, 61.4370, 4.4210)

Have a look what the booklet for
YIQ(95.5450, 61.4370, 4.4210)
contains.

YIQ(95.5450, 61.4370, 4.4210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(95.5450, 61.4370,
4.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4C23
RGB	157, 76, 35
RGB Percent	62%, 30%, 14%
CMY	0.3841, 0.7021, 0.8625
CMYK	0.00, 0.52, 0.78, 0.38
HSL	20°, 63%, 38%
HSV	20°, 78%, 62%
XYZ	16.7995, 12.4583, 3.1149
YIQ	95.5450, 61.4370, 4.4210

Conversions

Conversions Part 2

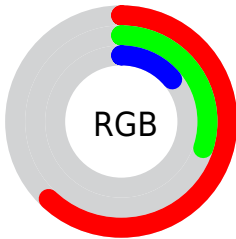
Format	Color
R_{YB}	157, 97, 35
Decimal	10308643
CIE Lab	41.94, 30.88, 38.72
CIE LCh	42, 49.526, 51.429
Yxy	12.4583, 0.5189, 0.3848
Android (android.graphics.Color)	4288498723 (0xFF9D4C23)
YUV	95.5450, -29.8487, 53.8960
Hunter-Lab	35.2964, 23.1892, 19.4752

Details

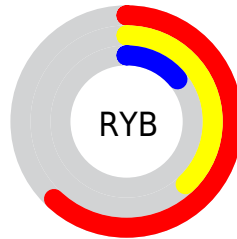
The YIQ color **95.5450, 61.4370, 4.4210** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **96.4550, -61.4370, -4.4210**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8940, 67.7640, 5.3960**, and **46.3360, 51.9000, 6.5560** is the 20% darker color. If you saturate the color by 10%, you get **87.8510, 69.3230, 4.6750**, and if you desaturate by 10%, it is **103.2390, 53.5510, 4.1670**.

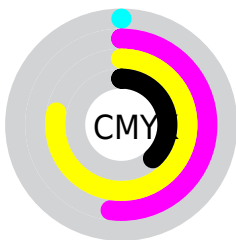
Distribution



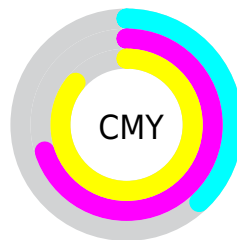
- Red (62%)
- Green (30%)
- Blue (14%)



- Red (62%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (78%)
- Black (38%)



- Cyan (38%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5450, 61.4370, 4.4210 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 95.5450, 61.4370, 4.4210 by changing the saturation by 10% instead.

■ 95.5450, 61.4370,
4.4210

■ 95.5450, 61.4370,
4.4210

■ 255.0000, -0.0000,
-0.0000

■ 70.0500, 58.4570,
3.3610

■ 148.1930, 68.3600,
5.6080

■ 46.3360, 51.9000,
6.5560

■ 175.8620, 70.7900,
5.6220

■ 22.4030, 41.7660,
14.0060

■ 197.0670, 59.7870,
1.2830

■ 14.0530, 28.0120,
9.9640

■ 216.4670, 43.7410,
-5.2750

■ 0.0000, 0.0000,
0.0000

■ 235.9810, 27.3740,
-11.5220

■ 250.3260, 13.1610,

-12.7510

253.6320, 3.8520,
-3.7320

95.5450, 61.4370,
4.4210

95.5450, 61.4370,
4.4210

87.8510, 69.3230,
4.6750

103.2390, 53.5510,
4.1670

79.6840, 77.1630,
5.7630

111.4060, 45.7110,
3.0790

78.0540, 78.9970,
5.5650

119.1000, 37.8250,
2.8250

127.3810, 29.6640,
2.0480

135.0750, 21.7780,
1.7940

■ 143.2420, 13.9380,
0.7060

■ 150.9360, 6.0520,
0.4520

■ 158.6300, -1.8340,
0.1980

■ 166.7970, -9.6740,
-0.8900

Harmonies

Analogous

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



95.1440, 62.0290, 26.7410



95.5450, 61.4370, 4.4210



93.5040, 50.3460, -20.3580

Triad

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



95.5450, 61.4370, 4.4210



78.3690, -59.4600, -34.7560



96.9660, -37.0500, 21.6860

Complementary

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



95.5450, 61.4370, 4.4210



96.4550, -61.4370, -4.4210

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.



83.3290, -87.2050, 0.0190



95.5450, 61.4370, 4.4210



83.8580, -73.5380, -21.9060

Square

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



95.5450, 61.4370, 4.4210



82.2250, -24.0640, -37.4720



85.9730, -83.6270, -9.7630



101.7890, 12.2810, 36.2570

Rectangle

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



95.5450, 61.4370, 4.4210



90.9700, 33.9340, -31.2980



85.9730, -83.6270, -9.7630



88.6960, -62.9530, 12.0470

Sweetspot

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



95.5450, 61.4370, 4.4210



180.4450, 23.6120, 1.5960



80.7120, 46.7110, 51.0550



87.5410, 14.5340, 0.9180



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



95.5450, 61.4370, 4.4210



108.3780, 95.6400, 6.8080



131.3520, 44.6620, -27.4820



75.1530, 3.9430, 0.1270



70.9330, 72.0280, 5.2120



7.4200, 7.5650, 0.5650

Inverse Universe

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



96.4550, -61.4370, -4.4210



109.6220, -95.6400, -6.8080



60.6480, -44.6620, 27.4820



74.8470, -3.9430, -0.1270



72.0670, -72.0280, -5.2120



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 95.5450, 61.4370, 4.4210 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



This preview shows how the YIQ color 95.5450, 61.4370, 4.4210 looks on a 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 95.5450, 61.4370, 4.4210

Background



This preview shows how black text looks on a background with the YIQ color 95.5450, 61.4370, 4.4210.



This preview shows how white text looks on a background with the YIQ color 95.5450, 61.4370,

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

95.5450, 61.4370, 4.4210

Protanopia

96.6770, 25.1740, -15.7060

Deuteranopia

96.4460, 39.0660, -14.1660



Tritanopia

98.4690, 50.5680, 19.6880

Trichromacy



Original Color

95.5450, 61.4370, 4.4210

Protanomaly

96.1350, 38.7440, -8.3280

Deuteranomaly

96.1530, 47.5010, -7.3390

Tritanomaly

97.0470, 54.5120, 14.2880

Monochromacy



Original Color

95.5450, 61.4370, 4.4210

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9610, 22.0990, 1.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5450, 61.4370, 4.4210 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(157, 76, 35)` looks like.

```
.text, #text, p{  
    color:rgb(157, 76, 35)  
}
```

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(157, 76, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 76, 35) }
```

Border

The CSS property to change the border of an element to YIQ 95.5450, 61.4370, 4.4210 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(157, 76, 35) }
```


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

```
.border{ border-color:rgb(157, 76, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 76, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 76, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 76, 35);  
box-shadow:4px 4px 4px 4px rgb(157, 76,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5450, 61.4370, 4.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 76, 35) }
```

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

```
.background{ background-color: rgb(157, 76,  
35) }
```

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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