

Converting Colors

YIQ(89.7140, 51.2560, 18.2320)

Have a look what the booklet for
YIQ(89.7140, 51.2560, 18.2320)
contains.

YIQ(89.7140, 51.2560, 18.2320)	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(89.7140, 51.2560,
18.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	964040
RGB	150, 64, 64
RGB Percent	59%, 25%, 25%
CMY	0.4116, 0.7491, 0.7488
CMYK	0.00, 0.57, 0.57, 0.41
HSL	360°, 40%, 42%
HSV	360°, 57%, 59%
XYZ	15.3455, 10.5225, 6.0805
YIQ	89.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

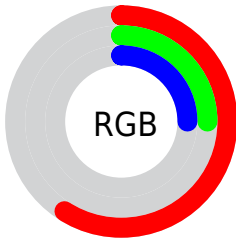
Format	Color
R_{YB}	150, 64, 64
Decimal	9846848
CIE _{Lab}	38.76, 36.21, 17.97
CIE _{LCh}	39, 40.424, 26.402
Yxy	10.5225, 0.4803, 0.3294
Android (android.graphics.Color)	4288036928 (0xFF964040)
YUV	89.7140, -12.6770, 52.8708
Hunter-Lab	32.4383, 27.6755, 11.5931

Details

The YIQ color **89.7140, 51.2560, 18.2320** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.2860, -51.2560, -18.2320**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.4650, 56.3910, 18.7830**, and **37.0710, 45.9370, 21.0170** is the 20% darker color. If you saturate the color by 10%, you get **79.1990, 60.1960, 21.4120**, and if you desaturate by 10%, it is **100.2290, 42.3160, 15.0520**.

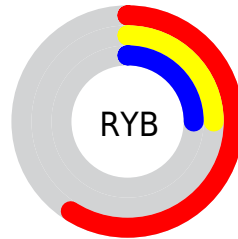
Distribution



Red (59%)

Green (25%)

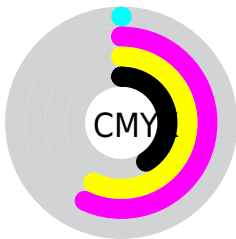
Blue (25%)



Red (59%)

Yellow (25%)

Blue (25%)

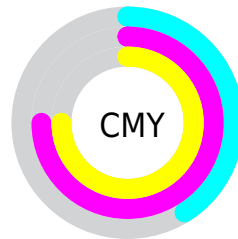


Cyan (0%)

Magenta (57%)

Yellow (57%)

Black (41%)



Cyan (41%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.7140, 51.2560, 18.2320 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 89.7140, 51.2560, 18.2320 by changing the saturation by 10% instead.

■ 89.7140, 51.2560,
18.2320

■ 89.7140, 51.2560,
18.2320

■ 255.0000, -0.0000,
-0.0000

■ 64.1590, 48.5050,
18.5290

■ 142.4650, 56.3910,
18.7830

■ 37.0710, 45.9370,
21.0170

■ 169.5470, 59.0960,
19.3200

■ 20.3320, 40.5280,
14.4160

■ 193.4430, 53.4570,
16.8890

■ 12.9710, 25.3070,
9.4270

■ 212.9570, 37.0900,
10.6420

■ 0.0000, 0.0000,
0.0000

■ 232.5850, 20.4020,
4.7060

■ 252.9140, 3.1180,

-1.4420

■ 89.7140, 51.2560,
18.2320

■ 89.7140, 51.2560,
18.2320

■ 79.1990, 60.1960,
21.4120

■ 100.2290, 42.3160,
15.0520

■ 68.6840, 69.1360,
24.5920

■ 110.7440, 33.3760,
11.8720

■ 58.1690, 78.0760,
27.7720

■ 121.2590, 24.4360,
8.6920

■ 47.6540, 87.0160,
30.9520

■ 131.7740, 15.4960,
5.5120

■ 44.8500, 89.4000,
31.8000

■ 142.2890, 6.5560,
2.3320

■ 152.8040, -2.3840,
-0.8480

■ 163.3190,
-11.3240, -4.0280

■ 173.8340,
-20.2640, -7.2080

■ 184.3490,
-29.2040, -10.3880

Harmonies

Analogous

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



91.1170, 40.2960, 29.6400



89.7140, 51.2560, 18.2320



89.7930, 48.8750, 0.8030

Triad

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



89.7140, 51.2560, 18.2320



77.5550, -24.7530, -30.4890



74.2500, -76.7970, -1.3810

Complementary

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



89.7140, 51.2560, 18.2320



124.2860, -51.2560, -18.2320

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.



77.5780, -75.1450, -9.2970



89.7140, 51.2560, 18.2320



72.6130, -57.0310, -29.2150

Square

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



89.7140, 51.2560, 18.2320



84.6380, 11.7420, -25.5860



76.4890, -67.9450, -18.6410



91.8230, -20.5900, 20.7380

Rectangle

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



89.7140, 51.2560, 18.2320



88.2230, 41.3120, -10.8160



76.4890, -67.9450, -18.6410



75.7830, -76.9800, -3.5720

Sweetspot

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



89.7140, 51.2560, 18.2320



170.8670, 19.6680, 6.9960



99.2190, 23.0540, 44.7660



83.6810, 11.3240, 4.0280



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



89.7140, 51.2560, 18.2320



100.0660, 79.8640, 28.4080



114.3680, 39.7060, -3.7340



69.0930, 4.1720, 1.4840



41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Inverse Universe

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



89.7140, 51.2560, 18.2320



100.0660, 79.8640, 28.4080



99.6320, -39.7060, 3.7340



69.0930, 4.1720, 1.4840



41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 89.7140, 51.2560, 18.2320 looks on a white background.

Color Contrast Check

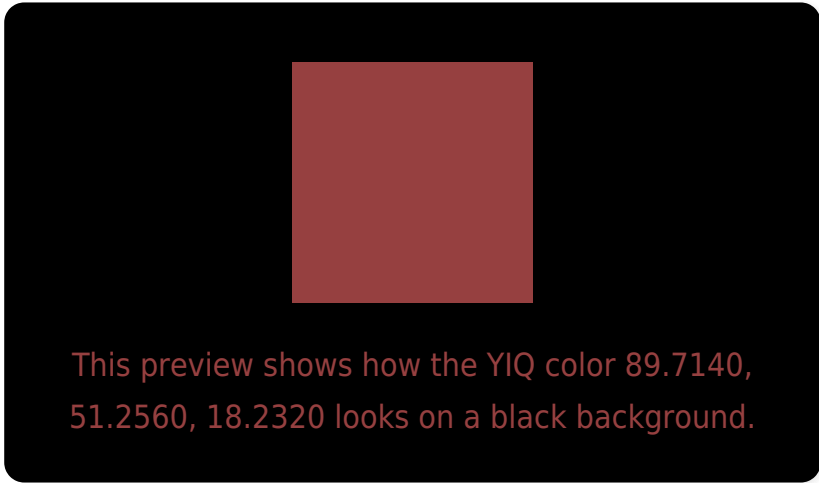
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.7140, 51.2560, 18.2320

Background



This preview shows how black text looks on a background with the YIQ color 89.7140, 51.2560, 18.2320.



This preview shows how white text looks on a background with the YIQ color 89.7140, 51.2560,

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

89.7140, 51.2560, 18.2320

Protanopia

91.6710, 8.1160, -3.9160

Deuteranopia

91.6850, 22.6960, -3.8320



Tritanopia

89.5830, 50.2470, 19.9990

Trichromacy



Original Color

89.7140, 51.2560, 18.2320

Protanomaly

91.0260, 23.4740, 4.0980

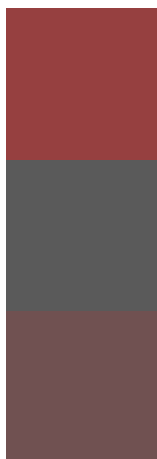
Deuteranomaly

90.7020, 33.1940, 4.1540

Tritanomaly

89.4690, 50.5680, 19.6880

Monochromacy



Original Color

89.7140, 51.2560, 18.2320

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.2690, 18.4760, 6.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.7140, 51.2560, 18.2320 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(150, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(150, 64, 64)  
}
```

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(150, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 64, 64) }
```

Border

The CSS property to change the border of an element to YIQ 89.7140, 51.2560, 18.2320 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(150, 64, 64) }
```


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

```
.border{ border-color:rgb(150, 64, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 64, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(150, 64,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 89.7140, 51.2560, 18.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 64, 64) }
```

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

```
.background{ background-color: rgb(150, 64,  
64) }
```

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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