

Converting Colors

YIQ(55.9590, 87.4750, 28.1390)

Have a look what the booklet for
YIQ(55.9590, 87.4750, 28.1390)
contains.

YIQ(55.9590, 87.4750, 28.1390)	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(55.9590, 87.4750,
28.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0E07
RGB	157, 14, 7
RGB Percent	62%, 5%, 3%
CMY	0.3840, 0.9453, 0.9722
CMYK	0.00, 0.91, 0.95, 0.38
HSL	3°, 91%, 32%
HSV	3°, 95%, 62%
XYZ	14.1164, 7.5047, 0.9081
YIQ	55.9590, 87.4750, 28.1390

Conversions

Conversions Part 2

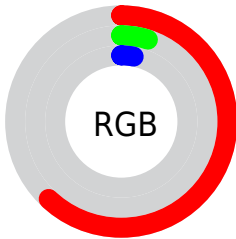
Format	Color
R_{YB}	157, 14, 7
Decimal	10292743
CIE Lab	32.93, 53.89, 43.79
CIE LCh	33, 69.432, 39.096
Yxy	7.5047, 0.6266, 0.3331
Android (android.graphics.Color)	4288482823 (0xFF9D0E07)
YUV	55.9590, -24.1368, 88.6130
Hunter-Lab	27.3947, 44.0397, 17.2109

Details

The YIQ color **55.9590, 87.4750, 28.1390** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **108.0410, -87.4750, -28.1390**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3090, 92.0610, 22.1170**, and **28.7040, 57.2160, 20.3520** is the 20% darker color. If you saturate the color by 10%, you get **51.0520, 91.6470, 29.6230**, and if you desaturate by 10%, it is **66.5880, 78.2140, 25.2700**.

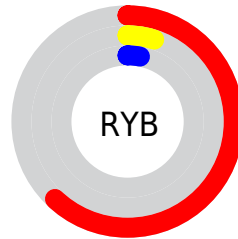
Distribution



Red (62%)

Green (5%)

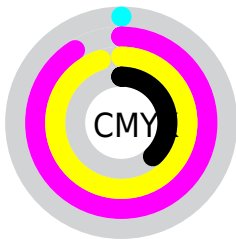
Blue (3%)



Red (62%)

Yellow (5%)

Blue (3%)

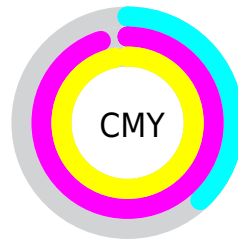


Cyan (0%)

Magenta (91%)

Yellow (95%)

Black (38%)



Cyan (38%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.9590, 87.4750, 28.1390 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 55.9590, 87.4750, 28.1390 by changing the saturation by 10% instead.

■ 55.9590, 87.4750,
28.1390

■ 55.9590, 87.4750,
28.1390

■ 252.9480, 5.7780,
-5.5980

■ 37.6740, 75.0960,
26.7120

■ 118.3090, 92.0610,
22.1170

■ 28.7040, 57.2160,
20.3520

■ 146.3480, 96.3250,
21.9330

■ 20.1470, 39.6110,
14.5150

■ 166.5310, 82.3880,
15.7000

■ 11.1770, 21.7310,
8.1550

■ 185.2300, 66.9380,
9.3540

■ 0.0000, 0.0000,
0.0000

■ 205.3310, 50.2960,
2.5840

■ 225.4320, 33.6540,

-4.1860

■ 245.5330, 17.0120,
-10.9560

■ 55.9590, 87.4750,
28.1390

■ 55.9590, 87.4750,
28.1390

■ 51.0520, 91.6470,
29.6230

■ 66.5880, 78.2140,
25.2700

■ 77.2170, 68.9530,
22.4010

■ 87.7320, 60.0130,
19.2210

■ 98.3610, 50.7520,
16.3520

■ 108.9900, 41.4910,
13.4830

■ 119.5050, 32.5510,
10.3030

■ 130.1340, 23.2900,
7.4340

■ 140.7630, 14.0290,
4.5650

■ 151.2780, 5.0890,
1.3850

Harmonies

Analogous

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



57.8270, 80.1800, 55.7320



55.9590, 87.4750, 28.1390



72.3070, 58.8710, -4.1450

Triad

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



55.9590, 87.4750, 28.1390



60.9290, -37.9100, -39.8460



68.3920, -82.3480, 16.6280

Complementary

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



55.9590, 87.4750, 28.1390



108.0410, -87.4750, -28.1390

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.



75.9260, -84.2720, 7.4400



55.9590, 87.4750, 28.1390



68.7150, -57.0780, -22.8540

Square

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



55.9590, 87.4750, 28.1390



54.0040, -25.3000, -48.1160



74.7570, -74.0910, -6.3710



77.3260, -10.9200, 43.7360

Rectangle

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



55.9590, 87.4750, 28.1390



73.0280, 37.1870, -18.6610



74.7570, -74.0910, -6.3710



72.0280, -84.3190, 13.8010

Sweetspot

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



55.9590, 87.4750, 28.1390



164.4020, 34.3390, 10.9390



68.3800, 42.8550, 76.8950



77.9380, 20.9060, 6.5860



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.



55.9590, 87.4750, 28.1390



66.2790, 119.1090, 38.5410



98.8100, 67.4000, -10.0400



73.9790, 4.4930, 1.1730



46.8660, 83.3030, 26.6550



5.0720, 8.6650, 2.6570

Inverse Universe

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



108.0410, -87.4750, -28.1390



137.7210, -119.1090, -38.5410



65.1900, -67.4000, 10.0400



76.6080, -4.7680, -1.6960



96.1340, -83.3030, -26.6550



10.5150, -8.9400, -3.1800

Previews

White Background



This preview shows how the YIQ color 55.9590, 87.4750, 28.1390 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 55.9590, 87.4750, 28.1390

Background



This preview shows how black text looks on a background with the YIQ color 55.9590, 87.4750, 28.1390.



This preview shows how white text looks on a background with the YIQ color 55.9590, 87.4750,

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

55.9590, 87.4750, 28.1390

Protanopia

76.3780, 24.5780, -15.9180

Deuteranopia

74.8110, 39.2960, -18.3360



Tritanopia

55.6170, 88.4380, 27.2060

Trichromacy



Original Color

55.9590, 87.4750, 28.1390

Protanomaly

68.8960, 47.0870, 0.1670

Deuteranomaly

67.6320, 56.5780, -1.1340

Tritanomaly

55.7310, 88.1170, 27.5170

Monochromacy



Original Color

55.9590, 87.4750, 28.1390

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.2060, 31.9550, 10.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.9590, 87.4750, 28.1390 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, 14, 7)` looks like.

```
.text, #text, p{  
    color:rgb(157, 14, 7)  
}
```

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, 14, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 14, 7) }
```

Border

The CSS property to change the border of an element to YIQ 55.9590, 87.4750, 28.1390 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, 14, 7) }
```


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

```
.border{ border-color:rgb(157, 14, 7) }
```

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

Here you see how a box with a 4 pixel rgb(157, 14, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 14, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 14, 7);  
box-shadow:4px 4px 4px 4px rgb(157, 14, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.9590, 87.4750, 28.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 14, 7) }
```

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

```
.background{ background-color: rgb(157, 14,  
7) }
```

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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