

Converting Colors

YIQ(58.8990, 87.7040, 29.4960)

Have a look what the booklet for
YIQ(58.8990, 87.7040, 29.4960)
contains.

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Color

**YIQ(58.8990, 87.7040,
29.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	A1100C
RGB	161, 16, 12
RGB Percent	63%, 6%, 5%
CMY	0.3683, 0.9374, 0.9526
CMYK	0.00, 0.90, 0.92, 0.37
HSL	2°, 86%, 34%
HSV	2°, 92%, 63%
XYZ	14.9669, 7.9817, 1.1025
YIQ	58.8990, 87.7040, 29.4960

Conversions

Conversions Part 2

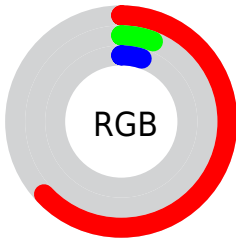
Format	Color
RYB	161, 16, 12
Decimal	10555404
CIELab	33.94, 54.72, 42.84
CIElCh	34, 69.500, 38.058
Yxy	7.9817, 0.6223, 0.3319
Android (android.graphics.Color)	4288745484 (0xFFA1100C)
YUV	58.8990, -23.1212, 89.5426
Hunter-Lab	28.2519, 45.1222, 17.4626

Details

The YIQ color **58.8990, 87.7040, 29.4960** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **114.1010, -87.7040, -29.4960**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **120.5480, 92.8860, 23.6860**, and **29.9000, 59.6000, 21.2000** is the 20% darker color. If you saturate the color by 10%, you get **50.4870, 94.8560, 32.0400**, and if you desaturate by 10%, it is **70.1150, 78.1680, 26.1040**.

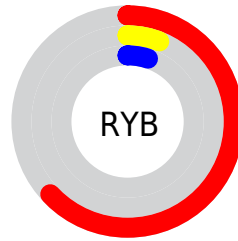
Distribution



Red (63%)

Green (6%)

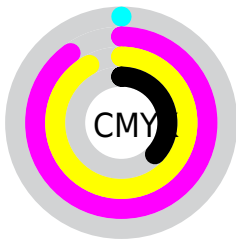
Blue (5%)



Red (63%)

Yellow (6%)

Blue (5%)

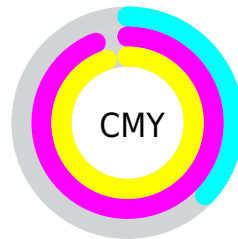


Cyan (0%)

Magenta (90%)

Yellow (92%)

Black (37%)



Cyan (37%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.8990, 87.7040, 29.4960 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 58.8990, 87.7040, 29.4960 by changing the saturation by 10% instead.

■ 58.8990, 87.7040,
29.4960

■ 58.8990, 87.7040,
29.4960

■ 253.5180, 4.1730,
-4.0430

■ 38.8700, 77.4800,
27.5600

■ 120.5480, 92.8860,
23.6860

■ 29.9000, 59.6000,
21.2000

■ 148.9890, 95.9580,
23.0780

■ 21.0440, 41.3990,
15.1510

■ 168.1610, 80.5540,
15.8980

■ 12.3730, 24.1150,
9.0030

■ 187.5610, 64.5080,
9.3400

■ 0.0000, 0.0000,
0.0000

■ 206.9610, 48.4620,
2.7820

■ 227.0620, 31.8200,

-3.9880

■ 247.2770, 14.8570,
-10.4470

■ 58.8990, 87.7040,
29.4960

■ 58.8990, 87.7040,
29.4960

■ 50.4870, 94.8560,
32.0400

■ 70.1150, 78.1680,
26.1040

■ 80.7440, 68.9070,
23.2350

■ 91.9600, 59.3710,
19.8430

■ 103.2900, 49.5140,
16.7620

■ 113.9190, 40.2530,
13.8930

■ 125.1350, 30.7170,
10.5010

■ 136.3510, 21.1810,
7.1090

■ 146.9800, 11.9200,
4.2400

■ 158.1960, 2.3840,
0.8480

Harmonies

Analogous

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



59.1800, 80.6840, 57.6120



58.8990, 87.7040, 29.4960



74.6770, 60.7050, -4.3430

Triad

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



58.8990, 87.7040, 29.4960



62.1030, -38.4600, -40.8920



70.4950, -84.1360, 15.9920

Complementary

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



58.8990, 87.7040, 29.4960



114.1010, -87.7040, -29.4960

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.



77.9150, -85.7390, 6.4930



58.8990, 87.7040, 29.4960



70.5900, -58.2240, -24.1120

Square

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



58.8990, 87.7040, 29.4960



57.5700, -21.0820, -47.4660



76.1590, -75.2830, -6.7950



79.5430, -13.0290, 43.4110

Rectangle

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



58.8990, 87.7040, 29.4960



75.3980, 39.0210, -18.8590



76.1590, -75.2830, -6.7950



74.1310, -86.1070, 13.1650

Sweetspot

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



58.8990, 87.7040, 29.4960



168.9290, 34.2930, 11.7730



73.3090, 41.6170, 77.3050



80.3510, 21.1810, 7.1090



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



58.8990, 87.7040, 29.4960



65.4260, 123.1890, 41.6930



101.7500, 67.6290, -8.6830



76.2780, 5.0890, 1.3850



45.7030, 85.3200, 28.6480



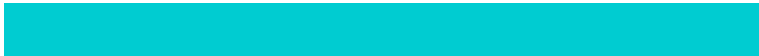
5.3820, 10.7280, 3.8160

Inverse Universe

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



114.1010, -87.7040, -29.4960



143.5740, -123.1890, -41.6930



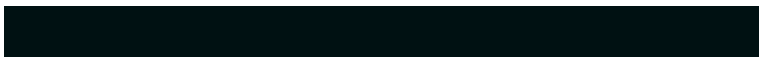
71.2500, -67.6290, 8.6830



78.7220, -5.0890, -1.3850



99.8840, -85.5950, -29.1710



12.0310, -10.4530, -3.2930

Previews

White Background



This preview shows how the YIQ color 58.8990, 87.7040, 29.4960 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 58.8990, 87.7040, 29.4960

Background



This preview shows how black text looks on a background with the YIQ color 58.8990, 87.7040, 29.4960.



This preview shows how white text looks on a background with the YIQ color 58.8990, 87.7040,

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

58.8990, 87.7040, 29.4960

Protanopia

78.6060, 23.9360, -15.2960

Deuteranopia

76.5830, 39.9380, -18.9580



Tritanopia

58.6710, 88.3460, 28.8740

Trichromacy



Original Color

58.8990, 87.7040, 29.4960

Protanomaly

71.4230, 47.0410, 1.0010

Deuteranomaly

69.8170, 57.4950, -1.2330

Tritanomaly

58.7850, 88.0250, 29.1850

Monochromacy



Original Color

58.8990, 87.7040, 29.4960

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7330, 31.9090, 10.9250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8990, 87.7040, 29.4960 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(161, 16, 12)` looks like.

```
.text, #text, p{  
    color:rgb(161, 16, 12)  
}
```

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(161, 16, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 16, 12) }
```

Border

The CSS property to change the border of an element to YIQ 58.8990, 87.7040, 29.4960 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(161, 16, 12) }
```


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

```
.border{ border-color:rgb(161, 16, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 16, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 16, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 16, 12);  
box-shadow:4px 4px 4px 4px rgb(161, 16,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 58.8990, 87.7040, 29.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 16, 12) }
```

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

```
.background{ background-color: rgb(161, 16,  
12) }
```

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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