

Converting Colors

YIQ(63.9290, 25.1250, 1.7090)

Have a look what the booklet for
YIQ(63.9290, 25.1250, 1.7090)
contains.

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Color

**YIQ(63.9290, 25.1250,
1.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	593827
RGB	89, 56, 39
RGB Percent	35%, 22%, 15%
CMY	0.6509, 0.7804, 0.8469
CMYK	0.00, 0.37, 0.56, 0.65
HSL	20°, 39%, 25%
HSV	20°, 56%, 35%
XYZ	5.9017, 5.0984, 2.5950
YIQ	63.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

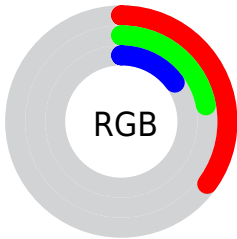
Format	Color
RYB	89, 65, 39
Decimal	5847079
CIELab	27.01, 12.59, 16.60
CIELCh	27, 20.839, 52.829
Yxy	5.0984, 0.4341, 0.3750
Android (android.graphics.Color)	4284037159 (0xFF593827)
YUV	63.9290, -12.2900, 21.9873
Hunter-Lab	22.5796, 7.1406, 8.9917

Details

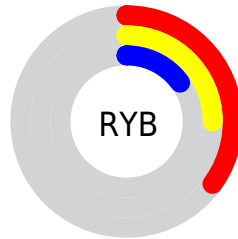
The YIQ color **63.9290, 25.1250, 1.7090** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.0710, -25.1250, -1.7090**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.1960, 28.7470, 2.1470**, and **20.4770, 20.5860, 1.3700** is the 20% darker color. If you saturate the color by 10%, you get **59.3810, 29.6640, 2.0480**, and if you desaturate by 10%, it is **68.4770, 20.5860, 1.3700**.

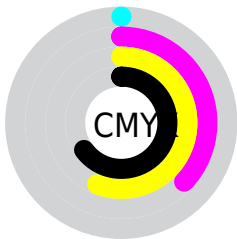
Distribution



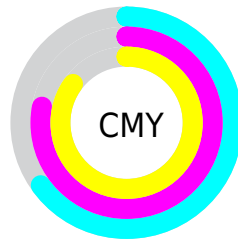
- Red (35%)
- Green (22%)
- Blue (15%)



- Red (35%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (65%)



- Cyan (65%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.9290, 25.1250, 1.7090 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 63.9290, 25.1250, 1.7090 by changing the saturation by 10% instead.

■ 63.9290, 25.1250,
1.7090

■ 63.9290, 25.1250,
1.7090

■ 255.0000, -0.0000,
-0.0000

■ 41.1460, 23.0160,
1.3840

■ 112.1960, 28.7470,
2.1470

■ 20.4770, 20.5860,
1.3700

■ 137.7940, 29.9390,
2.5710

■ 0.0000, 0.0000,
0.0000

■ 164.2780, 31.4520,
2.6840

■ 191.4630, 32.3690,
2.5850

■ 219.6480, 33.2860,
2.4860

■ 239.8740, 17.7900,

-3.0260

■ 253.6320, 3.8520,
-3.7320

■ 63.9290, 25.1250,
1.7090

■ 63.9290, 25.1250,
1.7090

■ 59.3810, 29.6640,
2.0480

■ 68.4770, 20.5860,
1.3700

■ 54.8330, 34.2030,
2.3870

■ 73.0250, 16.0470,
1.0310

■ 50.2850, 38.7420,
2.7260

■ 77.5730, 11.5080,
0.6920

■ 45.7370, 43.2810,
3.0650

■ 82.1210, 6.9690,
0.3530

■ 44.2210, 44.7940,
3.1780

■ 86.0820, 2.7050,
0.5370

■ 90.5160, -1.5130,
-0.1130

■ 95.0640, -6.0520,
-0.4520

■ 99.6120, -10.5910,
-0.7910

■ 104.1600,
-15.1300, -1.1300

Harmonies

Analogous

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



64.5580, 25.0320, 8.9040



63.9290, 25.1250, 1.7090



63.0650, 18.5700, -6.1500

Triad

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



63.9290, 25.1250, 1.7090



54.9700, -26.8190, -15.0670



64.3490, -10.8680, 9.7400

Complementary

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



63.9290, 25.1250, 1.7090



64.0710, -25.1250, -1.7090

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.



59.7270, -29.8480, 1.2880



63.9290, 25.1250, 1.7090



50.9280, -44.1960, -14.0200

Square

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



63.9290, 25.1250, 1.7090



58.9630, -7.7460, -13.8100



51.2360, -47.8190, -8.9310



65.6670, 5.9120, 14.0080

Rectangle

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



63.9290, 25.1250, 1.7090



61.8360, 11.7850, -9.8390



51.2360, -47.8190, -8.9310



63.0600, -17.4240, 7.4080

Sweetspot

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



63.9290, 25.1250, 1.7090



105.0890, 9.9950, 0.5790



57.7120, 19.2070, 20.8630



52.9360, 6.0520, 0.4520



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



63.9290, 25.1250, 1.7090



76.2850, 38.7420, 2.7260



78.6040, 18.2500, -11.3660



40.7830, 2.1090, 0.3250



53.1250, 53.8720, 3.8560



117.2250, 118.0600, 7.9800

Inverse Universe

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



64.0710, -25.1250, -1.7090



76.7150, -38.7420, -2.7260



49.3960, -18.2500, 11.3660



41.2170, -2.1090, -0.3250



53.8750, -53.8720, -3.8560



117.7750, -118.0600, -7.9800

Previews

White Background



This preview shows how the YIQ color 63.9290, 25.1250, 1.7090 looks on a white background.

Color Contrast Check

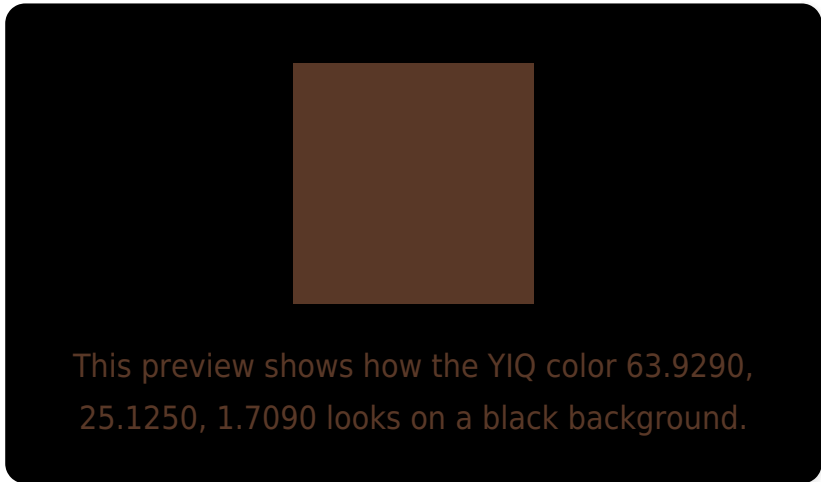
Large Text (above 18pt) WCAG AA ✓ Pass

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

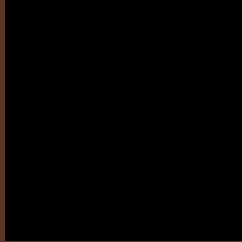
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 63.9290, 25.1250, 1.7090

Background



This preview shows how black text looks on a background with the YIQ color 63.9290, 25.1250, 1.7090.

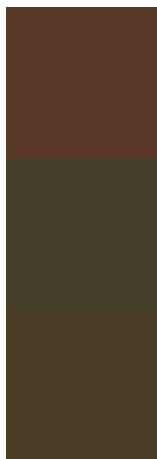


This preview shows how white text looks on a background with the YIQ color 63.9290, 25.1250,

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

63.9290, 25.1250, 1.7090

Protanopia

63.2860, 10.6380, -5.5700

Deuteranopia

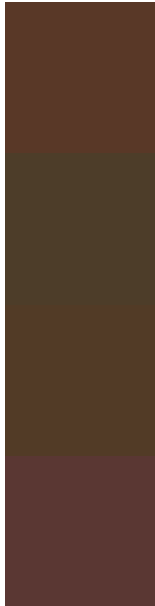
63.4610, 17.5150, -3.5490



Tritanopia

65.2200, 20.1720, 8.8760

Trichromacy



Original Color

63.9290, 25.1250, 1.7090

Protanomaly

63.5040, 15.9560, -2.8280

Deuteranomaly

63.4830, 20.4490, -1.6550

Tritanomaly

65.0090, 22.1440, 6.1760

Monochromacy



Original Color

63.9290, 25.1250, 1.7090

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9040, 9.0780, 0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.9290, 25.1250, 1.7090 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(89, 56, 39)` looks like.

```
.text, #text, p{  
    color:rgb(89, 56, 39)  
}
```

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(89, 56, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 56, 39) }
```

Border

The CSS property to change the border of an element to YIQ 63.9290, 25.1250, 1.7090 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(89, 56, 39) }
```


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

```
.border{ border-color:rgb(89, 56, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 56, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 56, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 56, 39);  
box-shadow:4px 4px 4px 4px rgb(89, 56, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.9290, 25.1250, 1.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 56, 39) }
```

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

```
.background{ background-color: rgb(89, 56,  
39) }
```

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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