

Converting Colors

YIQ(90.1400, 23.1530, 4.4090)

Have a look what the booklet for
YIQ(90.1400, 23.1530, 4.4090)
contains.

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Color

**YIQ(90.1400, 23.1530,
4.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	735148
RGB	115, 81, 72
RGB Percent	45%, 32%, 28%
CMY	0.5489, 0.6824, 0.7175
CMYK	0.00, 0.30, 0.37, 0.55
HSL	13°, 23%, 37%
HSV	13°, 37%, 45%
XYZ	11.1846, 9.9971, 7.4753
YIQ	90.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

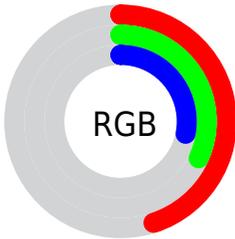
Format	Color
R_{YB}	115, 83, 72
Decimal	7557448
CIE _{Lab}	37.84, 12.96, 10.93
CIE _{LCh}	38, 16.954, 40.137
Yxy	9.9971, 0.3903, 0.3489
Android (android.graphics.Color)	4285747528 (0xFF735148)
YUV	90.1400, -8.9430, 21.8022
Hunter-Lab	31.6182, 7.8110, 8.1150

Details

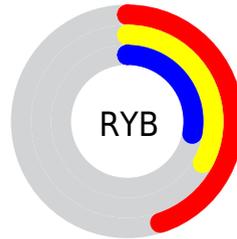
The YIQ color **90.1400, 23.1530, 4.4090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **96.8600, -23.1530, -4.4090**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.2220, 25.8580, 4.9460**, and **43.8730, 19.5310, 3.9710** is the 20% darker color. If you saturate the color by 10%, you get **83.6030, 29.1590, 5.6950**, and if you desaturate by 10%, it is **96.7910, 16.8260, 3.4340**.

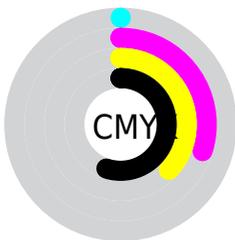
Distribution



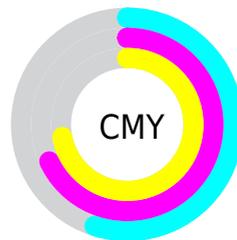
- Red (45%)
- Green (32%)
- Blue (28%)



- Red (45%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.1400, 23.1530, 4.4090 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 90.1400, 23.1530, 4.4090 by changing the saturation by 10% instead.

90.1400, 23.1530,
4.4090

90.1400, 23.1530,
4.4090

255.0000, -0.0000,
-0.0000

66.6560, 21.6400,
4.2960

140.3360, 25.5370,
5.2570

43.8730, 19.5310,
3.9710

167.4070, 26.7750,
4.8470

22.0040, 20.5400,
2.2040

194.7060, 27.3710,
5.0590

2.6910, 5.3640,
1.9080

222.3040, 28.5630,
5.4830

0.0000, 0.0000,
0.0000

243.1170, 12.7920,
-0.5520

■ 90.1400, 23.1530,
4.4090

■ 90.1400, 23.1530,
4.4090

■ 83.6030, 29.1590,
5.6950

■ 96.7910, 16.8260,
3.4340

■ 76.9520, 35.4860,
6.6700

■ 103.3280, 10.8200,
2.1480

■ 70.4150, 41.4920,
7.9560

■ 109.9790, 4.4930,
1.1730

■ 63.7640, 47.8190,
8.9310

■ 116.5160, -1.5130,
-0.1130

■ 56.6400, 54.1000,
10.7400

■ 123.7540, -8.1150,
-1.6110

■ 49.9890, 60.4270,
11.7150

■ 130.2910,
-14.1210, -2.8970

■ 48.4730, 61.9400,
11.8280

■ 136.9420,
-20.4480, -3.8720

■ 143.4790,

-26.4540, -5.1580

■ 150.1300,
-32.7810, -6.1330

Harmonies

Analogous

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



91.0460, 20.7220, 9.9220



90.1400, 23.1530, 4.4090



89.1840, 19.8530, -1.8670

Triad

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



90.1400, 23.1530, 4.4090



84.1950, -14.2110, -12.2830



88.7890, -15.2230, 6.0650

Complementary

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



90.1400, 23.1530, 4.4090



96.8600, -23.1530, -4.4090

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.



85.5270, -26.4090, -0.4650



90.1400, 23.1530, 4.4090



82.7900, -26.1320, -10.9960

Square

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



90.1400, 23.1530, 4.4090



86.5510, -0.5940, -11.2660



82.7880, -31.8180, -7.0660



90.8510, -0.5980, 10.8420

Rectangle

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



90.1400, 23.1530, 4.4090



88.3250, 14.9020, -5.7540



82.7880, -31.8180, -7.0660



87.5820, -19.0740, 4.2700

Sweetspot

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



90.1400, 23.1530, 4.4090



140.5450, 8.7110, 1.8230



88.7330, 14.7140, 19.6900



71.1640, 5.4100, 1.0740



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

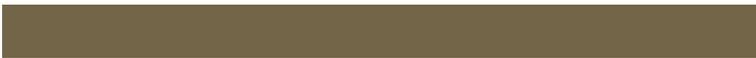
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1400, 23.1530, 4.4090



111.2510, 36.0820, 6.8820



102.4670, 17.3780, -6.5740



55.3810, 3.3010, 0.7490



51.7400, 65.5620, 12.2660



105.2740, 134.7000, 25.8040

Inverse Universe

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



96.8600, -23.1530, -4.4090



121.7490, -36.0820, -6.8820



84.5330, -17.3780, 6.5740



56.0320, -3.0260, -0.2260



70.8470, -65.8370, -12.7890



144.7260, -134.7000, -25.8040

Previews

White Background



This preview shows how the YIQ color 90.1400, 23.1530, 4.4090 looks on a white background.

Color Contrast Check

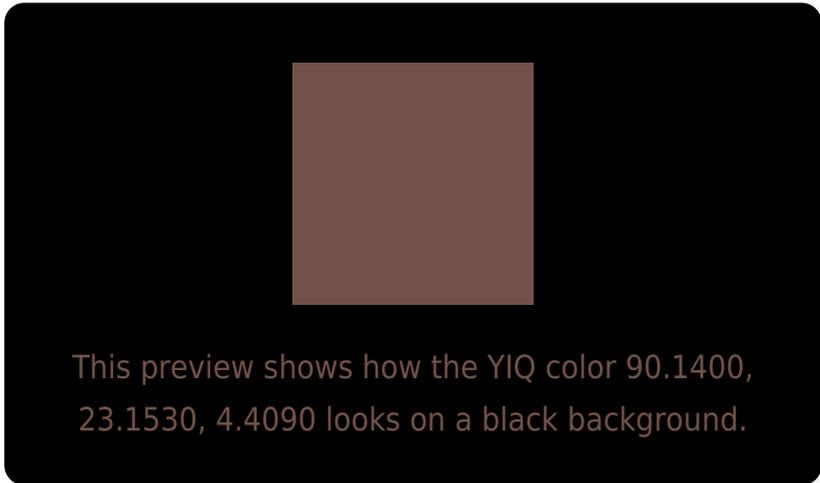
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

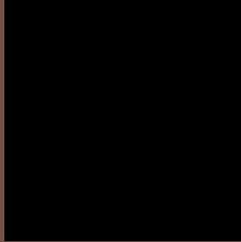
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

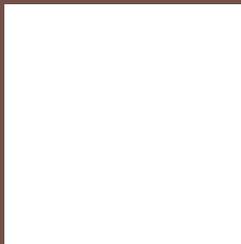
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 90.1400, 23.1530, 4.4090

Background



This preview shows how black text looks on a background with the YIQ color 90.1400, 23.1530, 4.4090.



This preview shows how white text looks on a background with the YIQ color 90.1400, 23.1530,

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

90.1400, 23.1530, 4.4090

Protanopia

89.0130, 7.1530, -2.9830

Deuteranopia

89.6720, 15.5430, -0.8490



Tritanopia

90.7470, 20.1260, 9.7100

Trichromacy



Original Color

90.1400, 23.1530, 4.4090

Protanomaly

89.5300, 13.0670, -0.0290

Deuteranomaly

89.6940, 18.4770, 1.0450

Tritanomaly

90.7640, 21.4560, 7.6320

Monochromacy



Original Color

90.1400, 23.1530, 4.4090

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.1320, 8.4360, 1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.1400, 23.1530, 4.4090 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(115, 81, 72)` looks like.

```
.text, #text, p{  
    color:rgb(115, 81, 72)  
}
```

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(115, 81, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 81, 72) }
```

Border

The CSS property to change the border of an element to YIQ 90.1400, 23.1530, 4.4090 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(115, 81, 72) }
```

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

```
.border{ border-color:rgb(115, 81, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 81, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 81, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 81, 72);  
box-shadow:4px 4px 4px 4px rgb(115, 81,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 90.1400, 23.1530, 4.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 81, 72) }
```

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

```
.background{ background-color: rgb(115, 81,  
72) }
```

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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