

Converting Colors

YIQ(90.6480, 42.4540, 12.5500)

Have a look what the booklet for
YIQ(90.6480, 42.4540, 12.5500)
contains.

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Color

**YIQ(90.6480, 42.4540,
12.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4741
RGB	139, 71, 65
RGB Percent	55%, 28%, 25%
CMY	0.4547, 0.7217, 0.7449
CMYK	0.00, 0.49, 0.53, 0.45
HSL	5°, 36%, 40%
HSV	5°, 53%, 55%
XYZ	13.8610, 10.3774, 6.2802
YIQ	90.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

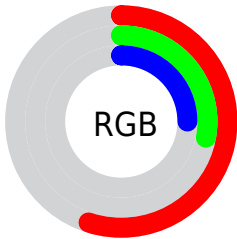
Format	Color
RYB	139, 72, 65
Decimal	9127745
CIELab	38.51, 28.22, 16.71
CIElCh	39, 32.795, 30.634
Yxy	10.3774, 0.4542, 0.3400
Android (android.graphics.Color)	4287317825 (0xFF8B4741)
YUV	90.6480, -12.6445, 42.4047
Hunter-Lab	32.2140, 20.4303, 10.9911

Details

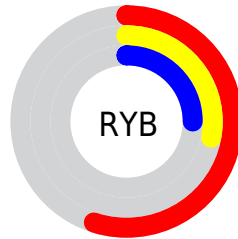
The YIQ color **90.6480, 42.4540, 12.5500** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **113.3520, -42.4540, -12.5500**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.2140, 46.6720, 13.2000**, and **42.0110, 36.9980, 12.3100** is the 20% darker color. If you saturate the color by 10%, you get **81.4210, 50.5230, 14.9950**, and if you desaturate by 10%, it is **99.8750, 34.3850, 10.1050**.

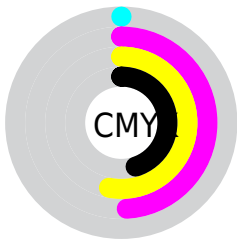
Distribution



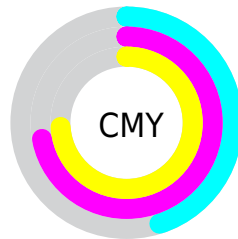
- Red (55%)
- Green (28%)
- Blue (25%)



- Red (55%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (45%)



- Cyan (45%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6480, 42.4540, 12.5500 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 90.6480, 42.4540, 12.5500 by changing the saturation by 10% instead.

■ 90.6480, 42.4540,
12.5500

■ 90.6480, 42.4540,
12.5500

■ 255.0000, -0.0000,
-0.0000

■ 65.9790, 40.0240,
12.5360

■ 142.2140, 46.6720,
13.2000

■ 42.0110, 36.9980,
12.3100

■ 169.2960, 49.3770,
13.7370

■ 17.9400, 35.7600,
12.7200

■ 196.8940, 50.5690,
14.1610

■ 10.8780, 21.1350,
7.9430

■ 216.7070, 34.7980,
8.1260

■ 0.0000, 0.0000,
0.0000

■ 236.3350, 18.1100,
2.1900

■ 254.2020, 2.2470,

-2.1770

■ 90.6480, 42.4540,
12.5500

■ 90.6480, 42.4540,
12.5500

■ 81.4210, 50.5230,
14.9950

■ 99.8750, 34.3850,
10.1050

■ 72.1940, 58.5920,
17.4400

■ 109.1020, 26.3160,
7.6600

■ 63.5540, 66.3860,
19.3620

■ 117.7420, 18.5220,
5.7380

■ 54.3270, 74.4550,
21.8070

■ 126.9690, 10.4530,
3.2930

■ 48.0180, 79.8190,
23.7150

■ 136.1960, 2.3840,
0.8480

■ 145.3090, -5.3640,
-1.9080

■ 154.5360,
-13.4330, -4.3530

■ 163.1760,
-21.2270, -6.2750

■ 172.4030,
-29.2960, -8.7200

Harmonies

Analogous

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



91.8510, 34.9330, 22.2050



90.6480, 42.4540, 12.5500



90.0630, 39.2470, -0.9210

Triad

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



90.6480, 42.4540, 12.5500



80.3260, -22.3700, -24.1140



83.5650, -46.7670, 5.0490

Complementary

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



90.6480, 42.4540, 12.5500



113.3520, -42.4540, -12.5500

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.



74.2040, -71.1560, -10.0040



90.6480, 42.4540, 12.5500



71.3080, -57.4900, -26.4020

Square

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



90.6480, 42.4540, 12.5500



85.4620, 6.6060, -20.6100



74.3860, -66.1570, -18.0050



92.0320, -11.0530, 18.6030

Rectangle

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



90.6480, 42.4540, 12.5500



88.4870, 31.8210, -9.5150



74.3860, -66.1570, -18.0050



74.4480, -68.7270, -4.4630

Sweetspot

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



90.6480, 42.4540, 12.5500



161.8450, 16.7340, 5.1020



94.9920, 21.9550, 37.1470



80.5560, 10.1780, 2.7700



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



90.6480, 42.4540, 12.5500



104.9670, 66.6610, 19.8850



111.7800, 32.5540, -6.2780



64.6800, 3.8970, 0.9610



46.2240, 76.2430, 22.4430



1.4950, 2.9800, 1.0600

Inverse Universe

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



113.3520, -42.4540, -12.5500



141.0330, -66.6610, -19.8850



92.2200, -32.5540, 6.2780



66.3200, -3.8970, -0.9610



86.7760, -76.2430, -22.4430



3.5050, -2.9800, -1.0600

Previews

White Background



This preview shows how the YIQ color 90.6480, 42.4540, 12.5500 looks on a white background.

Color Contrast Check

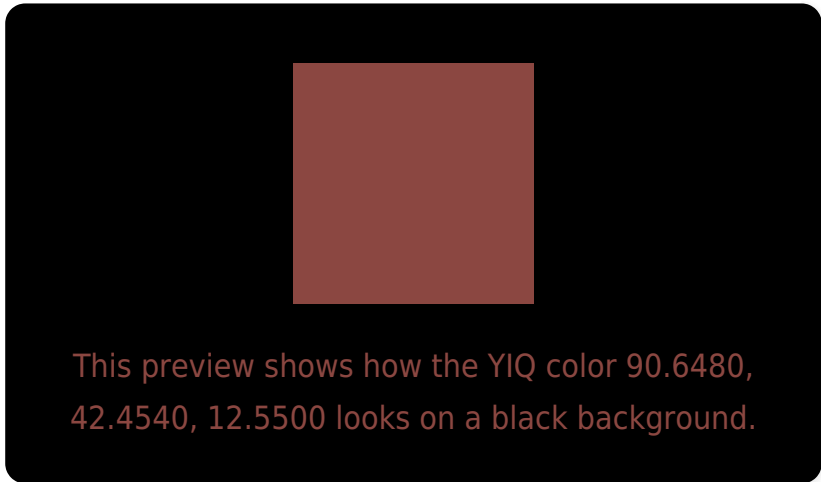
Large Text (above 18pt) WCAG AA ✓ Pass

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

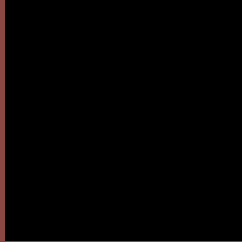
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.6480, 42.4540, 12.5500

Background



This preview shows how black text looks on a background with the YIQ color 90.6480, 42.4540, 12.5500.



This preview shows how white text looks on a background with the YIQ color 90.6480, 42.4540,

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

90.6480, 42.4540, 12.5500

Protanopia

90.8560, 9.0330, -4.0150

Deuteranopia

90.7280, 21.1370, -3.1110



Tritanopia

91.3860, 40.4360, 16.0840

Trichromacy



Original Color

90.6480, 42.4540, 12.5500

Protanomaly

90.8900, 20.8610, 1.8930

Deuteranomaly

90.6090, 29.0220, 2.6700

Tritanomaly

91.0440, 41.3990, 15.1510

Monochromacy



Original Color

90.6480, 42.4540, 12.5500

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.9480, 14.9460, 4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6480, 42.4540, 12.5500 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(139, 71, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 71, 65)  
}
```

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(139, 71, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 71, 65) }
```

Border

The CSS property to change the border of an element to YIQ 90.6480, 42.4540, 12.5500 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(139, 71, 65) }
```


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

```
.border{ border-color:rgb(139, 71, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 71, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 71, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 71, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 71,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6480, 42.4540, 12.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 71, 65) }
```

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

```
.background{ background-color: rgb(139, 71,  
65) }
```

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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