

Converting Colors

YIQ(92.7090, 49.6520, 14.2600)

Have a look what the booklet for
YIQ(92.7090, 49.6520, 14.2600)
contains.

YIQ(92.7090, 49.6520, 14.2600)	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(92.7090, 49.6520,
14.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	95463E
RGB	149, 70, 62
RGB Percent	58%, 27%, 24%
CMY	0.4155, 0.7256, 0.7567
CMYK	0.00, 0.53, 0.58, 0.42
HSL	5°, 41%, 41%
HSV	5°, 58%, 58%
XYZ	15.4619, 11.1185, 5.8960
YIQ	92.7090, 49.6520, 14.2600

Conversions

Conversions Part 2

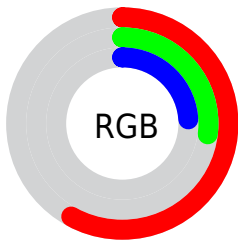
Format	Color
R_{YB}	149, 71, 62
Decimal	9782846
CIE _{Lab}	39.78, 32.52, 20.51
CIE _{LCh}	40, 38.445, 32.235
Yxy	11.1185, 0.4761, 0.3424
Android (android.graphics.Color)	4287972926 (0xFF95463E)
YUV	92.7090, -15.1395, 49.3672
Hunter-Lab	33.3444, 24.4186, 12.8573

Details

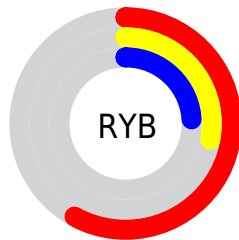
The YIQ color **92.7090, 49.6520, 14.2600** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **118.2910, -49.6520, -14.2600**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.8730, 55.0620, 15.3340**, and **42.4140, 43.2330, 14.9530** is the 20% darker color. If you saturate the color by 10%, you get **82.7810, 58.3170, 16.9170**, and if you desaturate by 10%, it is **102.6370, 40.9870, 11.6030**.

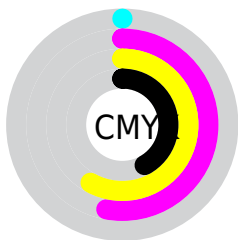
Distribution



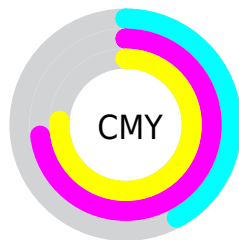
- Red (58%)
- Green (27%)
- Blue (24%)



- Red (58%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (58%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.7090, 49.6520, 14.2600 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 92.7090, 49.6520, 14.2600 by changing the saturation by 10% instead.


 92.7090, 49.6520,
14.2600


 92.7090, 49.6520,
14.2600


255.0000, -0.0000,
-0.0000


 67.7410, 46.6260,
14.0340


 144.8730, 55.0620,
15.3340


 42.4140, 43.2330,
14.9530

 172.2430, 56.8960,
15.1360


 20.0330, 39.9320,
14.2040

 196.7370, 52.4490,
13.1290

 13.2700, 25.9030,
9.6390

 216.2510, 36.0820,
6.8820

 0.0000, 0.0000,
0.0000

 235.8790, 19.3940,
0.9460

 253.8600, 3.2100,

-3.1100

■ 92.7090, 49.6520,
14.2600

■ 92.7090, 49.6520,
14.2600

■ 82.7810, 58.3170,
16.9170

■ 102.6370, 40.9870,
11.6030

■ 73.4400, 66.7070,
19.0510

■ 111.9780, 32.5970,
9.4690

■ 63.5120, 75.3720,
21.7080

■ 121.9060, 23.9320,
6.8120

■ 54.1710, 83.7620,
23.8420

■ 131.2470, 15.5420,
4.6780

■ 52.7690, 84.9540,
24.2660

■ 141.1750, 6.8770,
2.0210

■ 150.4020, -1.1920,
-0.4240

■ 160.3300, -9.8570,
-3.0810

■ 169.6710,
-18.2470, -5.2150

■ 179.5990,
-26.9120, -7.8720

Harmonies

Analogous

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



93.6070, 41.6720, 26.7280



92.7090, 49.6520, 14.2600



91.9450, 45.3910, -2.1370

Triad

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



92.7090, 49.6520, 14.2600



78.9610, -31.7680, -30.0080



82.8070, -59.1920, 4.4560

Complementary

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



92.7090, 49.6520, 14.2600



118.2910, -49.6520, -14.2600

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.



78.6210, -76.7040, -8.5760



92.7090, 49.6520, 14.2600



74.8130, -60.4700, -27.4620

Square

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



92.7090, 49.6520, 14.2600



87.1150, 5.9650, -25.5150



77.7600, -70.1460, -17.2980



95.3680, -11.8790, 22.5610

Rectangle

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



92.7090, 49.6520, 14.2600



90.7170, 36.8650, -12.8230



77.7600, -70.1460, -17.2980



76.4840, -77.5760, -3.7840

Sweetspot

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



92.7090, 49.6520, 14.2600



171.2260, 20.0350, 5.8510



97.1330, 26.1720, 43.3240



83.4530, 11.9660, 3.4060



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



92.7090, 49.6520, 14.2600



105.7080, 77.7560, 22.5560



117.9500, 37.8270, -8.2290



69.0930, 4.1720, 1.4840



48.8930, 78.6730, 22.4570



3.5770, 5.6850, 1.5970

Inverse Universe

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



118.2910, -49.6520, -14.2600



145.7050, -77.4810, -22.0330



93.0500, -37.8270, 8.2290



71.3200, -3.8970, -0.9610



89.1070, -78.6730, -22.4570



6.4230, -5.6850, -1.5970

Previews

White Background



This preview shows how the YIQ color 92.7090, 49.6520, 14.2600 looks on a white background.

Color Contrast Check

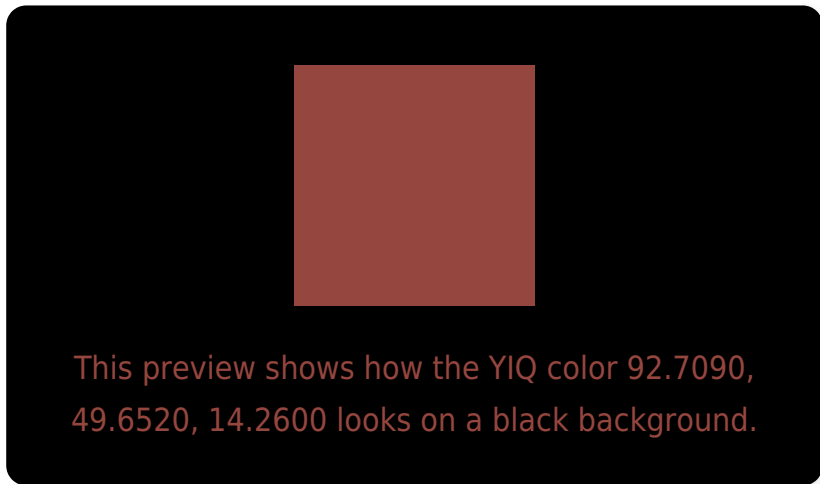
Large Text (above 18pt) WCAG AA ✓ Pass

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

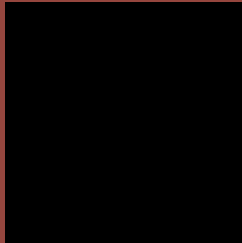
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.7090, 49.6520, 14.2600

Background



This preview shows how black text looks on a background with the YIQ color 92.7090, 49.6520, 14.2600.



This preview shows how white text looks on a background with the YIQ color 92.7090, 49.6520,

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

92.7090, 49.6520, 14.2600

Protanopia

93.5850, 11.2340, -5.3580

Deuteranopia

93.5280, 24.5760, -4.8640



Tritanopia

93.0880, 47.2670, 18.9390

Trichromacy



Original Color

92.7090, 49.6520, 14.2600

Protanomaly

92.9290, 25.1250, 1.7090

Deuteranomaly

93.4200, 33.9280, 1.8640

Tritanomaly

93.2190, 48.2760, 17.1720

Monochromacy



Original Color

92.7090, 49.6520, 14.2600

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7090, 49.6520, 14.2600 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(149, 70, 62)` looks like.

```
.text, #text, p{  
    color:rgb(149, 70, 62)  
}
```

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(149, 70, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 70, 62) }
```

Border

The CSS property to change the border of an element to YIQ 92.7090, 49.6520, 14.2600 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(149, 70, 62) }
```


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

```
.border{ border-color:rgb(149, 70, 62) }
```

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

Here you see how a box with a 4 pixel rgb(149, 70, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 70, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 70, 62);  
box-shadow:4px 4px 4px 4px rgb(149, 70,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7090, 49.6520, 14.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 70, 62) }
```

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

```
.background{ background-color: rgb(149, 70,  
62) }
```

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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