

Converting Colors

YIQ(64.1610, 54.1910, 14.5990)

Have a look what the booklet for
YIQ(64.1610, 54.1910, 14.5990)
contains.

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Color

**YIQ(64.1610, 54.1910,
14.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	7D281D
RGB	125, 40, 29
RGB Percent	49%, 16%, 11%
CMY	0.5096, 0.8433, 0.8860
CMYK	0.00, 0.68, 0.77, 0.51
HSL	7°, 62%, 30%
HSV	7°, 77%, 49%
XYZ	9.4448, 5.9679, 1.8202
YIQ	64.1610, 54.1910, 14.5990

Conversions

Conversions Part 2

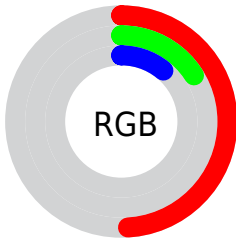
Format	Color
RYB	125, 41, 29
Decimal	8202269
CIELab	29.33, 36.20, 27.02
CIELCh	29, 45.169, 36.739
Yxy	5.9679, 0.5481, 0.3463
Android (android.graphics.Color)	4286392349 (0xFF7D281D)
YUV	64.1610, -17.3344, 53.3558
Hunter-Lab	24.4293, 26.2601, 12.6828

Details

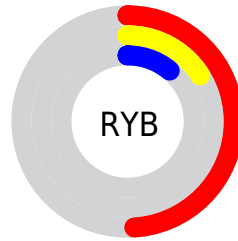
The YIQ color **64.1610, 54.1910, 14.5990** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.8390, -54.1910, -14.5990**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.8690, 60.8850, 14.4290**, and **20.6310, 41.1240, 14.6280** is the 20% darker color. If you saturate the color by 10%, you get **56.3360, 61.0680, 16.6200**, and if you desaturate by 10%, it is **72.1000, 46.9930, 12.8890**.

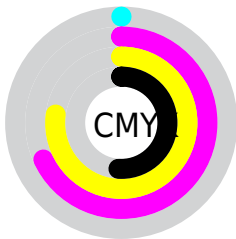
Distribution



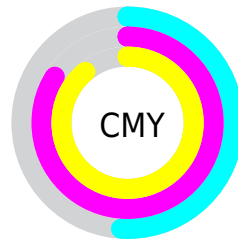
- Red (49%)
- Green (16%)
- Blue (11%)



- Red (49%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.1610, 54.1910, 14.5990 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 64.1610, 54.1910, 14.5990 by changing the saturation by 10% instead.

■ 64.1610, 54.1910,
14.5990

■ 64.1610, 54.1910,
14.5990

255.0000, -0.0000,
-0.0000

■ 37.3180, 52.3110,
15.6310

■ 115.8690, 60.8850,
14.4290

■ 20.6310, 41.1240,
14.6280

■ 142.8370, 63.9110,
14.6550

■ 13.5690, 26.4990,
9.8510

■ 169.9190, 66.6160,
15.1920

■ 0.0000, 0.0000,
0.0000

■ 192.3200, 57.9970,
11.7010

■ 211.8340, 41.6300,
5.4540

■ 231.3480, 25.2630,

-0.7930

■ 251.6770, 7.9790,
-6.9410

■ 64.1610, 54.1910,
14.5990

■ 64.1610, 54.1910,
14.5990

■ 56.3360, 61.0680,
16.6200

■ 72.1000, 46.9930,
12.8890

■ 48.3970, 68.2660,
18.3300

■ 79.9250, 40.1160,
10.8680

■ 45.5930, 70.6500,
19.1780

■ 87.8640, 32.9180,
9.1580

■ 95.6890, 26.0410,
7.1370

■ 103.6280, 18.8430,
5.4270

■ 111.4530, 11.9660,
3.4060

■ 119.9790, 4.4930,
1.1730

■ 127.8040, -2.3840,
-0.8480

■ 135.7430, -9.5820,
-2.5580

Harmonies

Analogous

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



63.0750, 49.2820, 31.9860



64.1610, 54.1910, 14.5990



65.1530, 47.5010, -7.3390

Triad

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



64.1610, 54.1910, 14.5990



53.2810, -35.6650, -30.9690



57.5230, -64.1440, 6.0960

Complementary

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



64.1610, 54.1910, 14.5990



89.8390, -54.1910, -14.5990

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.



62.2360, -65.0140, -0.1660



64.1610, 54.1910, 14.5990



58.5590, -47.7710, -20.8190

Square

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



64.1610, 54.1910, 14.5990



58.5610, 1.4730, -32.2150



61.8480, -58.4100, -9.7220



70.8570, -8.7620, 26.6460

Rectangle

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



64.1610, 54.1910, 14.5990



65.0540, 34.2980, -15.8620



61.8480, -58.4100, -9.7220



59.9850, -65.5650, 4.3150

Sweetspot

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



64.1610, 54.1910, 14.5990



139.4110, 20.9520, 5.7520



67.5080, 29.6100, 47.0980



67.0510, 13.1580, 3.8300



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



64.1610, 54.1910, 14.5990



67.8290, 84.7250, 22.9090



91.7500, 41.2660, -9.9820



59.6800, 3.8970, 0.9610



46.4900, 72.4380, 19.8140



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.8390, -54.1910, -14.5990



108.1710, -84.7250, -22.9090



62.2500, -41.2660, 9.9820



61.3200, -3.8970, -0.9610



80.9230, -72.1630, -19.2910



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 64.1610, 54.1910, 14.5990 looks on a white background.

Color Contrast Check

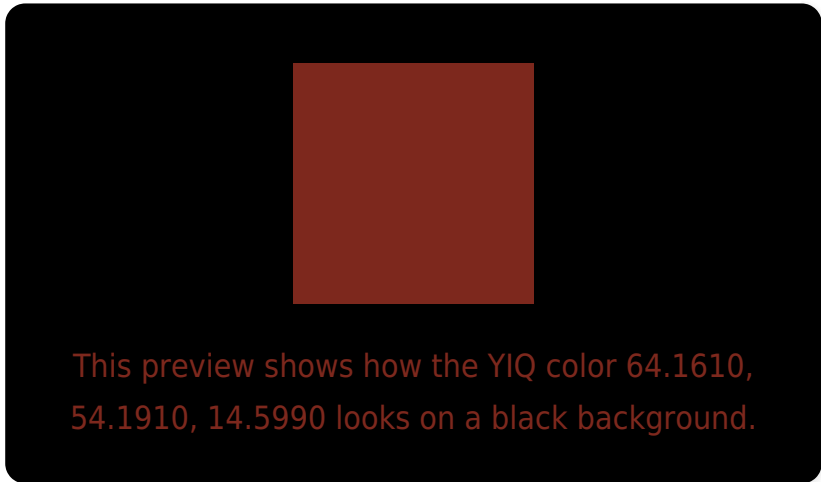
Large Text (above 18pt) WCAG AA ✓ Pass

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

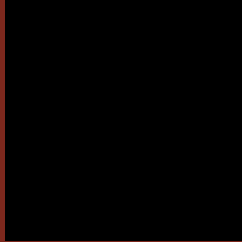
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.1610, 54.1910, 14.5990

Background



This preview shows how black text looks on a background with the YIQ color 64.1610, 54.1910, 14.5990.

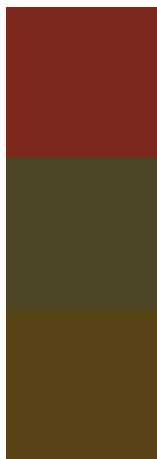


This preview shows how white text looks on a background with the YIQ color 64.1610, 54.1910,

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

64.1610, 54.1910, 14.5990

Protanopia

68.4450, 14.4440, -8.4680

Deuteranopia

68.2630, 26.6400, -9.2320



Tritanopia

64.2410, 51.2100, 19.0660

Trichromacy



Original Color

64.1610, 54.1910, 14.5990

Protanomaly

66.7290, 28.5640, -0.0440

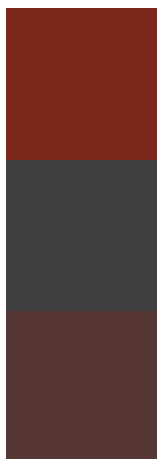
Deuteranomaly

66.5080, 36.4960, -0.6240

Tritanomaly

64.3720, 52.2190, 17.2990

Monochromacy



Original Color

64.1610, 54.1910, 14.5990

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.8130, 19.7600, 5.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.1610, 54.1910, 14.5990 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(125, 40, 29)` looks like.

```
.text, #text, p{  
    color:rgb(125, 40, 29)  
}
```

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(125, 40, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 40, 29) }
```

Border

The CSS property to change the border of an element to YIQ 64.1610, 54.1910, 14.5990 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(125, 40, 29) }
```


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

```
.border{ border-color:rgb(125, 40, 29) }
```

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

Here you see how a box with a 4 pixel rgb(125, 40, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 40, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 40, 29);  
box-shadow:4px 4px 4px 4px rgb(125, 40,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 64.1610, 54.1910, 14.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 40, 29) }
```

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

```
.background{ background-color: rgb(125, 40,  
29) }
```

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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