

Converting Colors

YIQ(64.5100, 24.9870, 4.2110)

Have a look what the booklet for
YIQ(64.5100, 24.9870, 4.2110)
contains.

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Color

**YIQ(64.5100, 24.9870,
4.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	5B372C
RGB	91, 55, 44
RGB Percent	36%, 22%, 17%
CMY	0.6431, 0.7844, 0.8273
CMYK	0.00, 0.40, 0.52, 0.64
HSL	14°, 35%, 26%
HSV	14°, 52%, 36%
XYZ	6.1370, 5.1382, 3.0539
YIQ	64.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

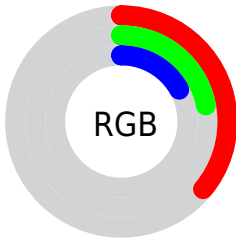
Format	Color
RYB	91, 58, 44
Decimal	5977900
CIELab	27.12, 14.71, 13.59
CIElCh	27, 20.023, 42.734
Yxy	5.1382, 0.4283, 0.3586
Android (android.graphics.Color)	4284167980 (0xFF5B372C)
YUV	64.5100, -10.1114, 23.2317
Hunter-Lab	22.6675, 8.6587, 7.8794

Details

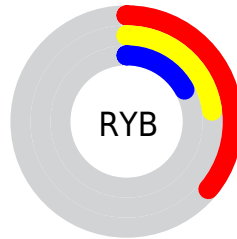
The YIQ color **64.5100, 24.9870, 4.2110** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.4900, -24.9870, -4.2110**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.8910, 28.2880, 4.9600**, and **20.2000, 22.9240, 3.0520** is the 20% darker color. If you saturate the color by 10%, you get **59.3750, 29.8010, 5.0730**, and if you desaturate by 10%, it is **69.6450, 20.1730, 3.3490**.

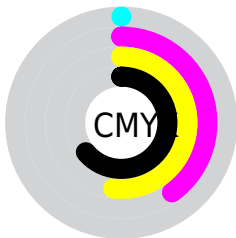
Distribution



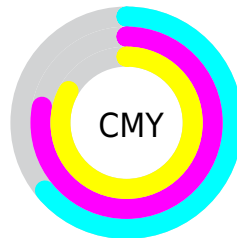
- Red (36%)
- Green (22%)
- Blue (17%)



- Red (36%)
- Yellow (23%)
- Blue (17%)



- Cyan (0%)
- Magenta (40%)
- Yellow (52%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.5100, 24.9870, 4.2110 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 64.5100, 24.9870, 4.2110 by changing the saturation by 10% instead.

64.5100, 24.9870,
4.2110

64.5100, 24.9870,
4.2110

255.0000, -0.0000,
-0.0000

41.7270, 22.8780,
3.8860

112.8910, 28.2880,
4.9600

20.2000, 22.9240,
3.0520

138.3750, 29.8010,
5.0730

1.7940, 3.5760,
1.2720

164.9730, 30.9930,
5.4970

0.0000, 0.0000,
0.0000

192.4570, 32.5060,
5.6100

220.3430, 32.8270,
5.2990

239.9710, 16.1390,

-0.6370

254.4300, 1.6050,
-1.5550

■ 64.5100, 24.9870,
4.2110

■ 64.5100, 24.9870,
4.2110

■ 59.3750, 29.8010,
5.0730

■ 69.6450, 20.1730,
3.3490

■ 54.2400, 34.6150,
5.9350

■ 74.7800, 15.3590,
2.4870

■ 49.1050, 39.4290,
6.7970

■ 79.9150, 10.5450,
1.6250

■ 43.9700, 44.2430,
7.6590

■ 85.0500, 5.7310,
0.7630

■ 39.5360, 48.4610,
8.3090

■ 90.2990, 0.5960,
0.2120

■ 95.4340, -4.2180,
-0.6500

■ 100.5690, -9.0320,
-1.5120

■ 105.7040,
-13.8460, -2.3740

■ 110.8390,
-18.6600, -3.2360

Harmonies

Analogous

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



65.2420, 23.1060, 10.7700



64.5100, 24.9870, 4.2110



63.7280, 21.1370, -3.1110

Triad

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



64.5100, 24.9870, 4.2110



57.6890, -18.6580, -14.2900



63.2450, -16.5070, 7.3090

Complementary

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



64.5100, 24.9870, 4.2110



70.4900, -24.9870, -4.2110

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.



57.6940, -34.2490, -1.5530



64.5100, 24.9870, 4.2110



51.4400, -39.8860, -15.0380

Square

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



64.5100, 24.9870, 4.2110



60.4260, -1.7400, -12.5240



51.2530, -46.4890, -11.0090



66.0900, 0.2270, 12.4110

Rectangle

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



64.5100, 24.9870, 4.2110



63.1570, 15.3150, -7.7330



51.2530, -46.4890, -11.0090



62.0270, -21.8250, 4.5670

Sweetspot

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



64.5100, 24.9870, 4.2110



107.4310, 9.0320, 1.5120



62.2710, 16.1350, 21.4710



53.0500, 5.7310, 0.7630



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.



64.5100, 24.9870, 4.2110



76.5070, 38.2370, 6.3730



78.0110, 18.6620, -7.8180



43.0820, 2.7050, 0.5370



48.1520, 58.4100, 9.7220



103.1480, 126.1270, 21.4790

Inverse Universe

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



70.4900, -24.9870, -4.2110



85.4930, -38.2370, -6.3730



56.9890, -18.6620, 7.8180



43.9180, -2.7050, -0.5370



61.8480, -58.4100, -9.7220



133.8520, -126.1270, -21.4790

Previews

White Background



This preview shows how the YIQ color 64.5100, 24.9870, 4.2110 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

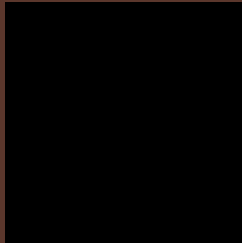
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.5100, 24.9870, 4.2110

Background



This preview shows how black text looks on a background with the YIQ color 64.5100, 24.9870, 4.2110.

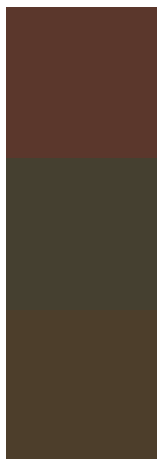


This preview shows how white text looks on a background with the YIQ color 64.5100, 24.9870,

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

64.5100, 24.9870, 4.2110

Protanopia

63.6710, 8.1160, -3.9160

Deuteranopia

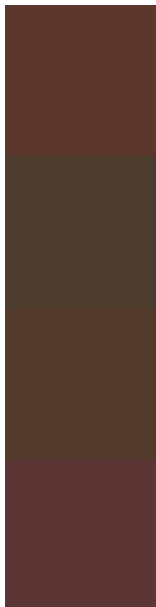
64.3190, 15.0390, -2.7290



Tritanopia

65.1170, 21.9600, 9.5120

Trichromacy



Original Color

64.5100, 24.9870, 4.2110

Protanomaly

64.1880, 14.0300, -0.9620

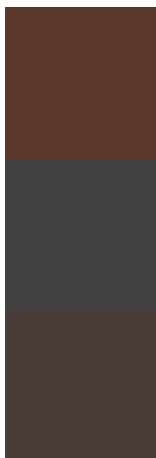
Deuteranomaly

64.0530, 18.8440, -0.1000

Tritanomaly

65.1340, 23.2900, 7.4340

Monochromacy



Original Color

64.5100, 24.9870, 4.2110

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.4310, 9.0320, 1.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.5100, 24.9870, 4.2110 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(91, 55, 44)` looks like.

```
.text, #text, p{  
    color:rgb(91, 55, 44)  
}
```

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(91, 55, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 55, 44) }
```

Border

The CSS property to change the border of an element to YIQ 64.5100, 24.9870, 4.2110 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(91, 55, 44) }
```


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

```
.border{ border-color:rgb(91, 55, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 55, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 55, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 55, 44);  
box-shadow:4px 4px 4px 4px rgb(91, 55, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.5100, 24.9870, 4.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 55, 44) }
```

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

```
.background{ background-color: rgb(91, 55,  
44) }
```

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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