

Converting Colors

YIQ(56.5100, 24.9870, 4.2110)

Have a look what the booklet for
YIQ(56.5100, 24.9870, 4.2110)
contains.

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Color

**YIQ(56.5100, 24.9870,
4.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	532F24
RGB	83, 47, 36
RGB Percent	33%, 18%, 14%
CMY	0.6744, 0.8157, 0.8587
CMYK	0.00, 0.43, 0.57, 0.67
HSL	14°, 39%, 23%
HSV	14°, 57%, 33%
XYZ	4.9038, 3.9993, 2.1847
YIQ	56.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

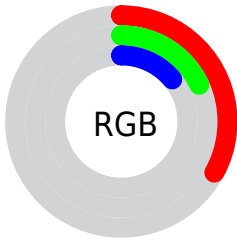
Format	Color
RYB	83, 50, 36
Decimal	5451556
CIELab	23.67, 15.15, 14.05
CIELCh	24, 20.661, 42.836
Yxy	3.9993, 0.4423, 0.3607
Android (android.graphics.Color)	4283641636 (0xFF532F24)
YUV	56.5100, -10.1114, 23.2317
Hunter-Lab	19.9982, 8.7737, 7.5215

Details

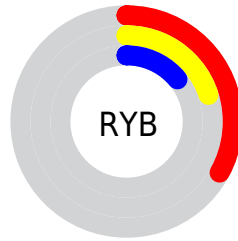
The YIQ color **56.5100, 24.9870, 4.2110** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **62.4900, -24.9870, -4.2110**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1900, 28.8840, 5.1720**, and **11.6500, 21.7770, 7.3210** is the 20% darker color. If you saturate the color by 10%, you get **52.0760, 29.2050, 4.8610**, and if you desaturate by 10%, it is **60.9440, 20.7690, 3.5610**.

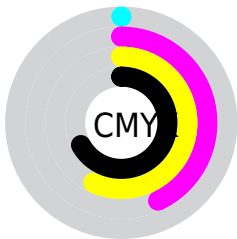
Distribution



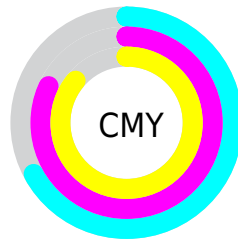
- Red (33%)
- Green (18%)
- Blue (14%)



- Red (33%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (43%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.5100, 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 56.5100, 24.9870, 4.2110 by changing the saturation by 10% instead.

■ 56.5100, 24.9870,
4.2110

■ 56.5100, 24.9870,
4.2110

■ 255.0000, -0.0000,
-0.0000

■ 34.6130, 23.1990,
3.5750

■ 104.1900, 28.8840,
5.1720

■ 11.6500, 21.7770,
7.3210

■ 129.6740, 30.3970,
5.2850

■ 0.0000, 0.0000,
0.0000

■ 155.8590, 31.3140,
5.1860

■ 183.3430, 32.8270,
5.2990

■ 210.9410, 34.0190,
5.7230

■ 232.9610, 22.0990,

1.4830

■ 253.1760, 5.1360,
-4.9760

■ 56.5100, 24.9870,
4.2110

■ 56.5100, 24.9870,
4.2110

■ 52.0760, 29.2050,
4.8610

■ 60.9440, 20.7690,
3.5610

■ 46.9410, 34.0190,
5.7230

■ 66.0790, 15.9550,
2.6990

■ 42.5070, 38.2370,
6.3730

■ 70.5130, 11.7370,
2.0490

■ 38.0730, 42.4550,
7.0230

■ 74.9470, 7.5190,
1.3990

■ 35.9700, 44.2430,
7.6590

■ 80.0820, 2.7050,
0.5370

■ 84.5160, -1.5130,
-0.1130

■ 89.5370, -6.0060,
-1.2860

■ 93.9710, -10.2240,
-1.9360

■ 98.5190, -14.7630,
-2.2750

Harmonies

Analogous

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



57.2420, 23.1060, 10.7700



56.5100, 24.9870, 4.2110



55.4290, 20.5410, -3.3230

Triad

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



56.5100, 24.9870, 4.2110



49.2050, -20.1710, -14.4030



55.8320, -16.7820, 6.7860

Complementary

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



56.5100, 24.9870, 4.2110



62.4900, -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.



47.4160, -39.3380, -2.9380



56.5100, 24.9870, 4.2110



44.7500, -37.8230, -13.8790

Square

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



56.5100, 24.9870, 4.2110



52.1270, -2.3360, -12.7360



45.7590, -42.0420, -9.0020



58.0900, 0.2270, 12.4110

Rectangle

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



56.5100, 24.9870, 4.2110



55.1570, 15.3150, -7.7330



45.7590, -42.0420, -9.0020



53.5430, -23.3380, 4.4540

Sweetspot

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



56.5100, 24.9870, 4.2110



96.7300, 9.6280, 1.7240



54.2710, 16.1350, 21.4710



47.4630, 6.0060, 1.2860



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



56.5100, 24.9870, 4.2110



65.8060, 38.8330, 6.5850



70.0110, 18.6620, -7.8180



38.7830, 2.1090, 0.3250



45.4830, 55.9800, 9.7080



101.0660, 123.4220, 20.9420

Inverse Universe

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



62.4900, -24.9870, -4.2110



75.1940, -38.8330, -6.5850



48.9890, -18.6620, 7.8180



39.2170, -2.1090, -0.3250



58.9300, -55.7050, -9.1850



130.9340, -123.4220, -20.9420

Previews

White Background



This preview shows how the YIQ color 56.5100, 24.9870, 4.2110 looks on a white background.

Color Contrast Check

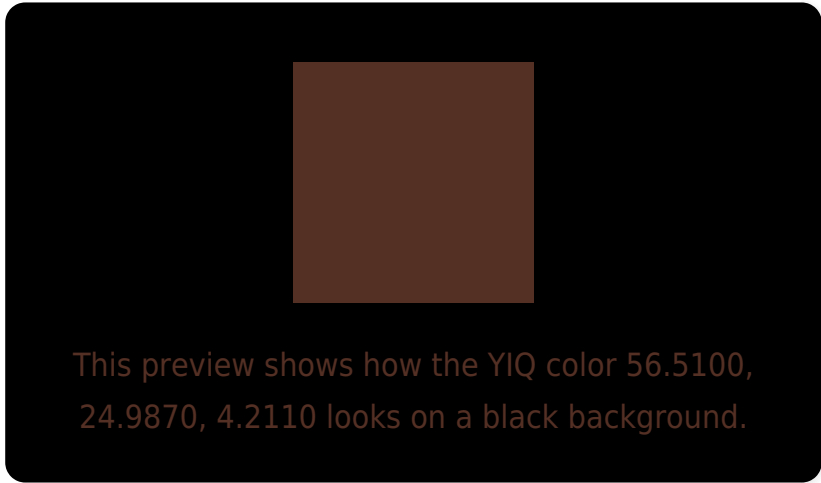
Large Text (above 18pt) WCAG AA ✓ Pass

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

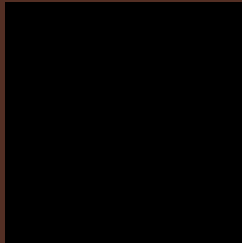
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.5100, 24.9870, 4.2110

Background



This preview shows how black text looks on a background with the YIQ color 56.5100, 24.9870, 4.2110.

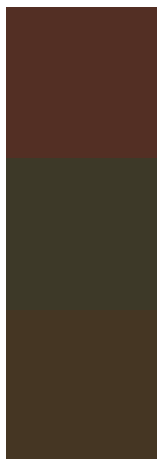


This preview shows how white text looks on a background with the YIQ color 56.5100, 24.9870,

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

56.5100, 24.9870, 4.2110

Protanopia

56.2580, 7.8410, -4.4390

Deuteranopia

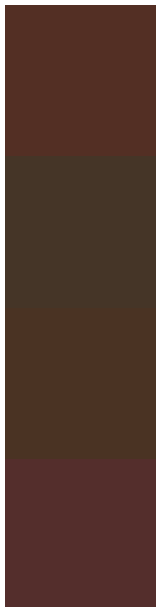
56.3190, 15.0390, -2.7290



Tritanopia

57.1170, 21.9600, 9.5120

Trichromacy



Original Color

56.5100, 24.9870, 4.2110

Protanomaly

56.1880, 14.0300, -0.9620

Deuteranomaly

56.0530, 18.8440, -0.1000

Tritanomaly

57.1340, 23.2900, 7.4340

Monochromacy



Original Color

56.5100, 24.9870, 4.2110

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.4310, 9.0320, 1.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.5100, 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(83, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(83, 47, 36)  
}
```

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(83, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 47, 36) }
```

Border

The CSS property to change the border of an element to YIQ 56.5100, 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(83, 47, 36) }
```


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

```
.border{ border-color:rgb(83, 47, 36) }
```

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

Here you see how a box with a 4 pixel rgb(83, 47, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(83, 47, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.5100, 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(83, 47, 36) }
```

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

```
.background{ background-color: rgb(83, 47,  
36) }
```

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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