

Converting Colors

YIQ(54.5770, 24.0210, 21.7250)

Have a look what the booklet for
YIQ(54.5770, 24.0210, 21.7250)
contains.

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Color

**YIQ(54.5770, 24.0210,
21.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2241
RGB	91, 34, 65
RGB Percent	36%, 13%, 25%
CMY	0.6430, 0.8667, 0.7450
CMYK	0.00, 0.63, 0.29, 0.64
HSL	327°, 46%, 25%
HSV	327°, 63%, 36%
XYZ	5.8443, 3.7507, 5.4197
YIQ	54.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

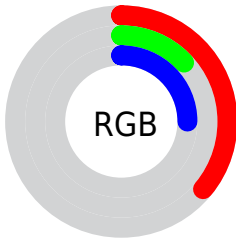
Format	Color
R _Y B	91, 34, 65
Decimal	5972545
CIE Lab	22.83, 29.98, -6.62
CIE LCh	23, 30.703, 347.543
Yxy	3.7507, 0.3892, 0.2498
Android (android.graphics.Color)	4284162625 (0xFF5B2241)
YUV	54.5770, 5.1385, 31.9430
Hunter-Lab	19.3667, 19.9740, -3.0354

Details

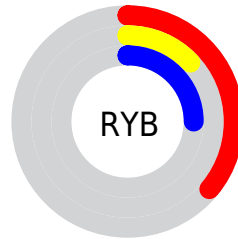
The YIQ color **54.5770, 24.0210, 21.7250** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.4230, -24.0210, -21.7250**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7730, 26.4050, 22.5730**, and **15.7780, 18.8410, 16.4810** is the 20% darker color. If you saturate the color by 10%, you get **48.8380, 27.7800, 25.1880**, and if you desaturate by 10%, it is **60.3160, 20.2620, 18.2620**.

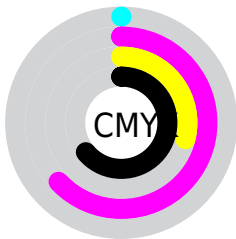
Distribution



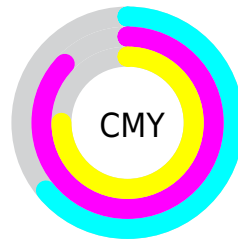
- Red (36%)
- Green (13%)
- Blue (25%)



- Red (36%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (29%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.5770, 24.0210, 21.7250 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 54.5770, 24.0210, 21.7250 by changing the saturation by 10% instead.

■ 54.5770, 24.0210,
21.7250

■ 54.5770, 24.0210,
21.7250

■ 255.0000, -0.0000,
-0.0000

■ 29.9190, 23.0580,
22.6580

■ 103.7730, 26.4050,
22.5730

■ 15.7780, 18.8410,
16.4810

■ 129.3710, 27.5970,
22.9970

■ 0.0000, 0.0000,
0.0000

■ 155.4960, 28.7430,
24.2550

■ 183.0940, 29.9350,
24.6790

■ 210.3930, 30.5310,
24.8910

■ 230.1350, 13.5220,

19.2660

247.9560, 3.3000,
6.2760

54.5770, 24.0210,
21.7250

54.5770, 24.0210,
21.7250

48.8380, 27.7800,
25.1880

60.3160, 20.2620,
18.2620

43.0990, 31.5390,
28.6510

66.0550, 16.5030,
14.7990

37.3600, 35.2980,
32.1140

71.7940, 12.7440,
11.3360

32.9090, 38.1860,
34.8420

77.6470, 8.6640,
8.1840

83.3860, 4.9050,
4.7210

■ 89.7120, 0.8710,
0.7350

■ 95.4510, -2.8880,
-2.7280

■ 101.1900, -6.6470,
-6.1910

■ 106.9290,
-10.4060, -9.6540

Harmonies

Analogous

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



55.9860, 3.7560, 20.0440



54.5770, 24.0210, 21.7250



52.8630, 34.6590, 16.1550

Triad

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



54.5770, 24.0210, 21.7250



49.8760, 14.3080, -17.0200



47.6000, -45.8480, -6.1040

Complementary

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



54.5770, 24.0210, 21.7250



70.4230, -24.0210, -21.7250

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.



45.9070, -39.7030, -12.8470



54.5770, 24.0210, 21.7250



46.6760, -8.6160, -20.0720

Square

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



54.5770, 24.0210, 21.7250



52.0460, 28.7490, -8.9070



43.1710, -31.9990, -20.3110



46.5060, -48.2790, -0.5910

Rectangle

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



54.5770, 24.0210, 21.7250



53.3050, 35.9900, 8.5500



43.1710, -31.9990, -20.3110



47.5030, -44.1970, -8.4930

Sweetspot

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



54.5770, 24.0210, 21.7250



102.9460, 9.2600, 8.3960



48.2720, -2.8010, 23.2390



49.9840, 6.0970, 5.1450



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.



54.5770, 24.0210, 21.7250



60.7840, 37.0400, 33.5840



51.3850, 33.0090, 13.0170



42.8370, 2.0170, 1.9930



39.7300, 46.3000, 41.9800



85.5690, 99.8430, 90.3630

Inverse Universe

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



54.5770, 24.0210, 21.7250



60.7840, 37.0400, 33.5840



73.6150, -33.0090, -13.0170



42.8370, 2.0170, 1.9930



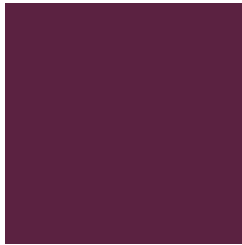
39.7300, 46.3000, 41.9800



85.5690, 99.8430, 90.3630

Previews

White Background



This preview shows how the YIQ color 54.5770, 24.0210, 21.7250 looks on a white background.

Color Contrast Check

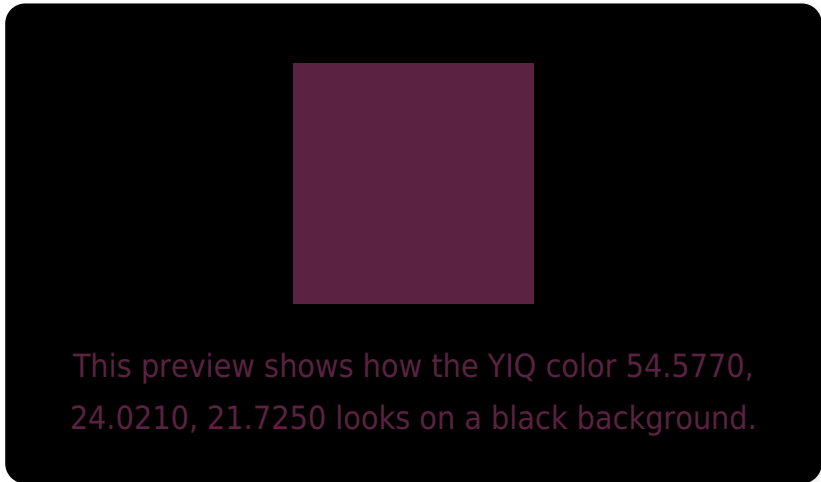
Large Text (above 18pt) WCAG AA ✓ Pass

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

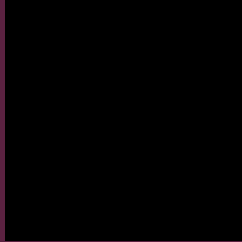
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.5770, 24.0210, 21.7250

Background



This preview shows how black text looks on a background with the YIQ color 54.5770, 24.0210, 21.7250.



This preview shows how white text looks on a background with the YIQ color 54.5770, 24.0210,

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

54.5770, 24.0210, 21.7250

Protanopia

55.7570, -12.1970, 6.2910

Deuteranopia

56.1080, -0.1840, 3.3360



Tritanopia

54.2920, 28.8370, 11.5330

Trichromacy



Original Color

54.5770, 24.0210, 21.7250

Protanomaly

55.2750, 1.1440, 12.3120

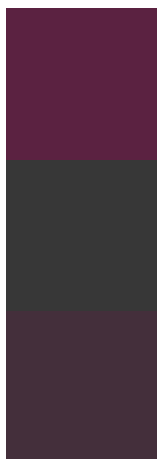
Deuteranomaly

55.7010, 8.5720, 9.8520

Tritanomaly

54.3290, 27.4150, 15.2790

Monochromacy



Original Color

54.5770, 24.0210, 21.7250

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.5770, 24.0210, 21.7250 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, 34, 65)` looks like.

```
.text, #text, p{  
    color:rgb(91, 34, 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(91, 34, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 34, 65) }
```

Border

The CSS property to change the border of an element to YIQ 54.5770, 24.0210, 21.7250 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, 34, 65) }
```


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

```
.border{ border-color:rgb(91, 34, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 34, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 34, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 34, 65);  
box-shadow:4px 4px 4px 4px rgb(91, 34, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.5770, 24.0210, 21.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 34, 65) }
```

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

```
.background{ background-color: rgb(91, 34,  
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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