

Converting Colors

YIQ(77.5880, 78.2140, 25.2700)

Have a look what the booklet for
YIQ(77.5880, 78.2140, 25.2700)
contains.

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Color

**YIQ(77.5880, 78.2140,
25.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	A82822
RGB	168, 40, 34
RGB Percent	66%, 16%, 13%
CMY	0.3409, 0.8433, 0.8663
CMYK	0.00, 0.76, 0.80, 0.34
HSL	3°, 66%, 40%
HSV	3°, 80%, 66%
XYZ	17.2117, 9.9632, 2.5354
YIQ	77.5880, 78.2140, 25.2700

Conversions

Conversions Part 2

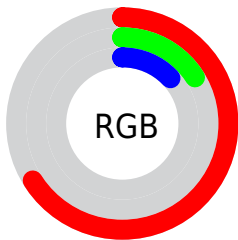
Format	Color
R_{YB}	168, 40, 34
Decimal	11020322
CIE _{Lab}	37.78, 51.08, 35.61
CIE _{LCh}	38, 62.268, 34.877
Yxy	9.9632, 0.5793, 0.3353
Android (android.graphics.Color)	4289210402 (0xFFA82822)
YUV	77.5880, -21.4889, 79.2913
Hunter-Lab	31.5645, 42.0956, 17.3327

Details

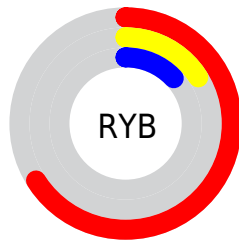
The YIQ color **77.5880, 78.2140, 25.2700** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **124.4120, -78.2140, -25.2700**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.1280, 85.3210, 23.1210**, and **32.2920, 64.3680, 22.8960** is the 20% darker color. If you saturate the color by 10%, you get **66.2580, 88.0710, 28.3510**, and if you desaturate by 10%, it is **88.9180, 68.3570, 22.1890**.

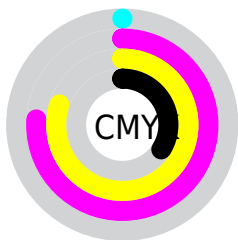
Distribution



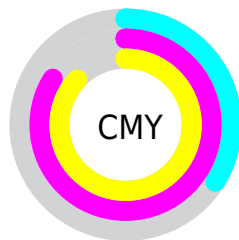
- Red (66%)
- Green (16%)
- Blue (13%)



- Red (66%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (80%)
- Black (34%)



- Cyan (34%)
- Magenta (84%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.5880, 78.2140, 25.2700 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 77.5880, 78.2140, 25.2700 by changing the saturation by 10% instead.

■ 77.5880, 78.2140,
25.2700

■ 77.5880, 78.2140,
25.2700

■ 255.0000, -0.0000,
-0.0000

■ 42.7440, 78.0750,
33.2990

■ 134.2420, 85.0000,
23.4320

■ 32.2920, 64.3680,
22.8960

■ 160.3020, 84.7710,
22.0750

■ 23.3220, 46.4880,
16.5360

■ 179.0010, 69.3210,
15.7290

■ 15.4770, 29.7540,
11.4340

■ 198.4010, 53.2750,
9.1710

■ 0.0000, 0.0000,
0.0000

■ 218.5020, 36.6330,
2.4010

■ 238.7170, 19.6700,

-4.0580

253.1760, 5.1360,
-4.9760

77.5880, 78.2140,
25.2700

77.5880, 78.2140,
25.2700

66.2580, 88.0710,
28.3510

88.9180, 68.3570,
22.1890

54.9280, 97.9280,
31.4320

100.2480, 58.5000,
19.1080

54.3410, 98.2030,
31.9550

111.5780, 48.6430,
16.0270

122.7940, 39.1070,
12.6350

134.1240, 29.2500,
9.5540

■ 145.4540, 19.3930,
6.4730

■ 156.7840, 9.5360,
3.3920

■ 168.7010, -0.5960,
-0.2120

■ 179.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



68.8310, 74.3570, 56.6370



77.5880, 78.2140, 25.2700



82.6620, 65.0610, -6.1950

Triad

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



77.5880, 78.2140, 25.2700



68.2980, -43.5030, -43.1110



76.3650, -86.8860, 10.7620

Complementary

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



77.5880, 78.2140, 25.2700



124.4120, -78.2140, -25.2700

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.



82.2690, -86.9760, 1.3760



77.5880, 78.2140, 25.2700



75.5140, -61.0660, -27.6740

Square

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



77.5880, 78.2140, 25.2700



73.9270, -0.0380, -43.3820



81.2140, -77.1160, -12.1240



90.1030, -17.8420, 37.0220

Rectangle

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



77.5880, 78.2140, 25.2700



83.9920, 46.0360, -19.3400



81.2140, -77.1160, -12.1240



79.1860, -87.9400, 7.8360

Sweetspot

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



77.5880, 78.2140, 25.2700



183.7220, 30.4420, 9.9780



88.8860, 38.1340, 68.8380



88.1550, 18.7970, 6.2610



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



77.5880, 78.2140, 25.2700



77.0730, 122.6850, 39.8130



116.3300, 60.0640, -9.2480



78.3920, 4.7680, 1.6960



47.7740, 86.5580, 28.2380



6.5670, 11.6450, 3.7170

Inverse Universe

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



124.4120, -78.2140, -25.2700



150.9270, -122.6850, -39.8130



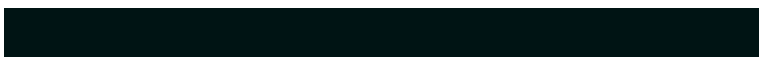
86.2570, -60.3390, 8.7250



81.6080, -4.7680, -1.6960



99.6390, -86.2830, -27.7150



14.0200, -11.9200, -4.2400

Previews

White Background



This preview shows how the YIQ color 77.5880, 78.2140, 25.2700 looks on a white background.

Color Contrast Check

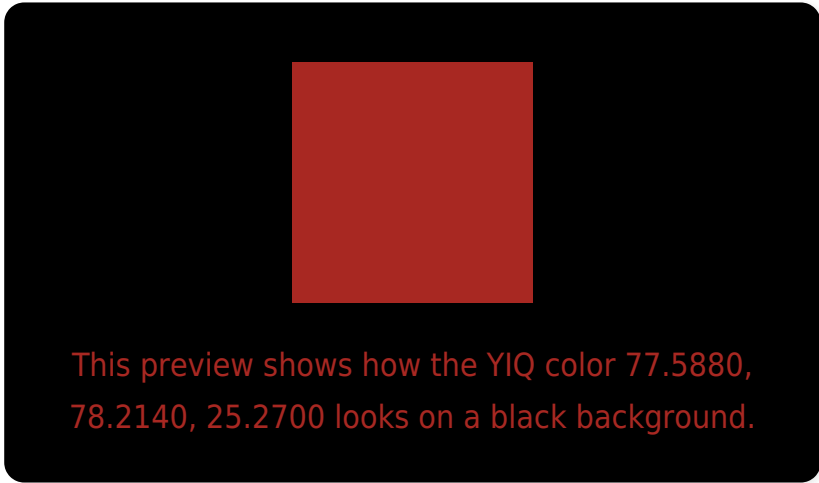
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.5880, 78.2140, 25.2700

Background



This preview shows how black text looks on a background with the YIQ color 77.5880, 78.2140, 25.2700.



This preview shows how white text looks on a background with the YIQ color 77.5880, 78.2140,

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

77.5880, 78.2140, 25.2700

Protanopia

87.9030, 18.8460, -11.1540

Deuteranopia

86.8910, 36.3150, -13.8690



Tritanopia

77.6850, 76.5630, 27.6590

Trichromacy



Original Color

77.5880, 78.2140, 25.2700

Protanomaly

84.2420, 40.3010, 2.0050

Deuteranomaly

83.3480, 51.6260, 0.5060

Tritanomaly

77.4570, 77.2050, 27.0370

Monochromacy



Original Color

77.5880, 78.2140, 25.2700

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8250, 28.6540, 9.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5880, 78.2140, 25.2700 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(168, 40, 34)` looks like.

```
.text, #text, p{  
    color:rgb(168, 40, 34)  
}
```

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(168, 40, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 40, 34) }
```

Border

The CSS property to change the border of an element to YIQ 77.5880, 78.2140, 25.2700 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(168, 40, 34) }
```


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

```
.border{ border-color:rgb(168, 40, 34) }
```

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

Here you see how a box with a 4 pixel rgb(168, 40, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 40, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 40, 34);  
box-shadow:4px 4px 4px 4px rgb(168, 40,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 77.5880, 78.2140, 25.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 40, 34) }
```

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

```
.background{ background-color: rgb(168, 40,  
34) }
```

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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