

Converting Colors

YIQ(77.6210, 20.7210, 15.4490)

Have a look what the booklet for
YIQ(77.6210, 20.7210, 15.4490)
contains.

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Color

**YIQ(77.6210, 20.7210,
15.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3E51
RGB	107, 62, 81
RGB Percent	42%, 24%, 32%
CMY	0.5803, 0.7569, 0.6823
CMYK	0.00, 0.42, 0.24, 0.58
HSL	335°, 27%, 33%
HSV	335°, 42%, 42%
XYZ	9.2745, 7.1652, 8.6822
YIQ	77.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

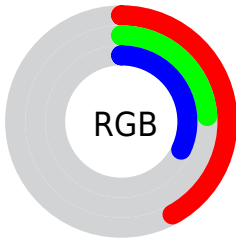
Format	Color
R_{YB}	107, 62, 81
Decimal	7028305
CIE Lab	32.18, 22.52, -3.01
CIE LCh	32, 22.718, 352.376
Yxy	7.1652, 0.3692, 0.2852
Android (android.graphics.Color)	4285218385 (0xFF6B3E51)
YUV	77.6210, 1.6658, 25.7654
Hunter-Lab	26.7679, 15.0025, -0.4932

Details

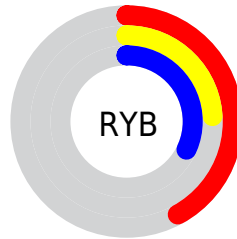
The YIQ color **77.6210, 20.7210, 15.4490** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.3790, -20.7210, -15.4490**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.8170, 23.1050, 16.2970**, and **31.5390, 18.0160, 14.9120** is the 20% darker color. If you saturate the color by 10%, you get **70.4800, 25.6720, 19.3360**, and if you desaturate by 10%, it is **84.7620, 15.7700, 11.5620**.

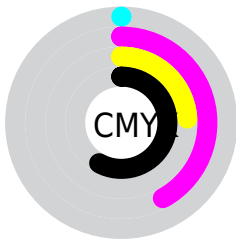
Distribution



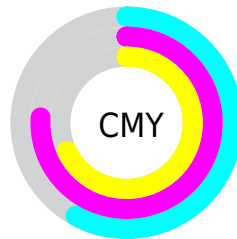
- Red (42%)
- Green (24%)
- Blue (32%)



- Red (42%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (68%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.6210, 20.7210, 15.4490 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 77.6210, 20.7210, 15.4490 by changing the saturation by 10% instead.

■ 77.6210, 20.7210,
15.4490

■ 77.6210, 20.7210,
15.4490

■ 255.0000, -0.0000,
-0.0000

■ 54.0230, 19.5290,
15.0250

■ 127.2300, 23.3800,
16.8200

■ 31.5390, 18.0160,
14.9120

■ 153.5290, 23.9760,
17.0320

■ 13.0720, 17.8330,
12.7210

■ 180.8280, 24.5720,
17.2440

■ 0.0000, 0.0000,
0.0000

■ 208.5400, 25.4430,
17.9790

■ 231.4570, 15.3110,
14.3750

■ 249.7170, 2.4750,

4.7070

■ 77.6210, 20.7210,
15.4490

■ 77.6210, 20.7210,
15.4490

■ 70.4800, 25.6720,
19.3360

■ 84.7620, 15.7700,
11.5620

■ 63.9260, 30.3480,
22.7000

■ 91.3160, 11.0940,
8.1980

■ 56.6710, 35.6200,
26.2760

■ 98.5710, 5.8220,
4.6220

■ 49.5300, 40.5710,
30.1630

■ 105.7120, 0.8710,
0.7350

■ 42.3890, 45.5220,
34.0500

■ 112.2660, -3.8050,
-2.6290

■ 37.1230, 49.3270,
36.6790

■ 119.4070, -8.7560,
-6.5160

■ 126.5480,
-13.7070, -10.4030

■ 133.6890,
-18.6580, -14.2900

■ 140.3570,
-23.6550, -17.3430

Harmonies

Analogous

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



78.0200, 6.4160, 15.8880



77.6210, 20.7210, 15.4490



76.4660, 28.2870, 10.4870

Triad

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



77.6210, 20.7210, 15.4490



73.2870, 8.8970, -12.5670



60.4630, -55.8880, -11.3760

Complementary

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



77.6210, 20.7210, 15.4490



91.3790, -20.7210, -15.4490

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.



60.0410, -51.9440, -16.7760



77.6210, 20.7210, 15.4490



70.6100, -8.2500, -15.6900

Square

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



77.6210, 20.7210, 15.4490



74.6200, 21.3210, -6.4470



66.2470, -29.1570, -16.7490



70.9870, -33.5160, 1.6840

Rectangle

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



77.6210, 20.7210, 15.4490



76.0760, 29.2050, 4.8610



66.2470, -29.1570, -16.7490



60.5940, -54.8790, -13.1430

Sweetspot

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



77.6210, 20.7210, 15.4490



128.2940, 8.1600, 6.3040



74.9040, 1.0510, 19.5070



63.8590, 4.9510, 3.8870



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



77.6210, 20.7210, 15.4490



93.6490, 32.6860, 24.3820



77.2160, 25.9950, 7.9710



50.0220, 2.9340, 1.8940



40.6830, 53.6820, 40.3540



84.9970, 112.9570, 83.9730

Inverse Universe

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



77.6210, 20.7210, 15.4490



93.6490, 32.6860, 24.3820



91.7840, -25.9950, -7.9710



50.0220, 2.9340, 1.8940



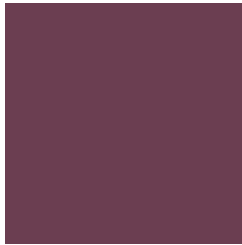
40.6830, 53.6820, 40.3540



84.9970, 112.9570, 83.9730

Previews

White Background



This preview shows how the YIQ color 77.6210, 20.7210, 15.4490 looks on a white background.

Color Contrast Check

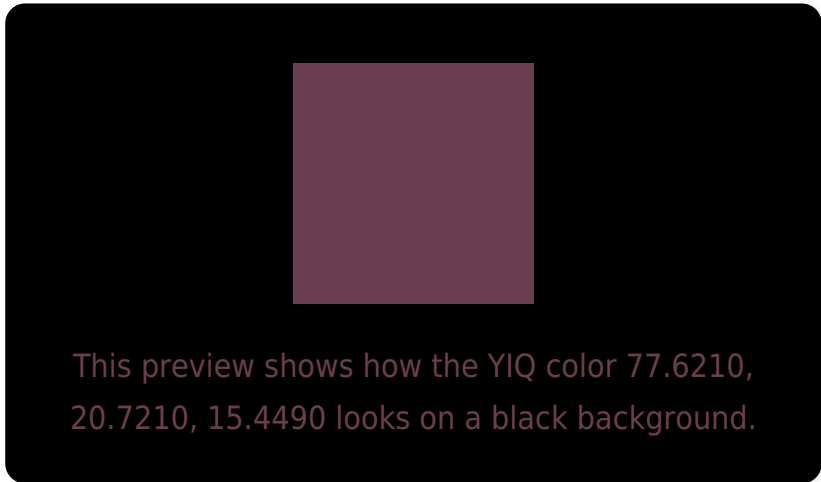
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.6210, 20.7210, 15.4490

Background



This preview shows how black text looks on a background with the YIQ color 77.6210, 20.7210, 15.4490.



This preview shows how white text looks on a background with the YIQ color 77.6210, 20.7210,

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

77.6210, 20.7210, 15.4490

Protanopia

76.6990, -6.2820, 3.7180

Deuteranopia

76.9620, 3.1630, 3.2510



Tritanopia

77.1280, 23.4270, 10.4590

Trichromacy



Original Color

77.6210, 20.7210, 15.4490

Protanomaly

77.0100, 3.2080, 7.9440

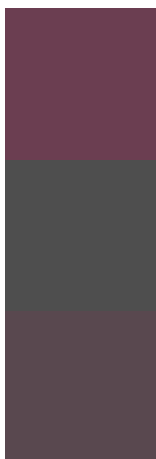
Deuteranomaly

77.4190, 9.3060, 7.5620

Tritanomaly

76.9970, 22.4180, 12.2260

Monochromacy



Original Color

77.6210, 20.7210, 15.4490

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6210, 20.7210, 15.4490 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(107, 62, 81)` looks like.

```
.text, #text, p{  
    color:rgb(107, 62, 81)  
}
```

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(107, 62, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 62, 81) }
```

Border

The CSS property to change the border of an element to YIQ 77.6210, 20.7210, 15.4490 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(107, 62, 81) }
```


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

```
.border{ border-color:rgb(107, 62, 81) }
```

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

Here you see how a box with a 4 pixel rgb(107, 62, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 62, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 62, 81);  
box-shadow:4px 4px 4px 4px rgb(107, 62,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 77.6210, 20.7210, 15.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 62, 81) }
```

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

```
.background{ background-color: rgb(107, 62,  
81) }
```

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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