

Converting Colors

YIQ(77.3020, 14.8500, 28.2420)

Have a look what the booklet for
YIQ(77.3020, 14.8500, 28.2420)
contains.

YIQ(77.3020, 14.8500, 28.2420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(77.3020, 14.8500,
28.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	6D376D
RGB	109, 55, 109
RGB Percent	43%, 22%, 43%
CMY	0.5724, 0.7844, 0.5725
CMYK	0.00, 0.50, 0.00, 0.57
HSL	300°, 33%, 32%
HSV	300°, 50%, 43%
XYZ	10.4374, 7.0883, 15.2873
YIQ	77.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

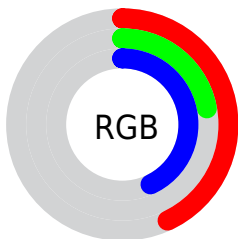
Format	Color
R_{YB}	109, 55, 109
Decimal	7157613
CIE _{Lab}	32.01, 32.51, -21.18
CIE _{LCh}	32, 38.798, 326.917
Yxy	7.0883, 0.3181, 0.2160
Android (android.graphics.Color)	4285347693 (0xFF6D376D)
YUV	77.3020, 15.6271, 27.7991
Hunter-Lab	26.6238, 23.3862, -15.4074

Details

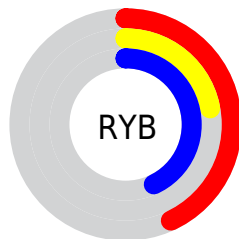
The YIQ color **77.3020, 14.8500, 28.2420** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.6980, -14.8500, -28.2420**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.8400, 16.2710, 30.0230**, and **28.1170, 13.9330, 28.3410** is the 20% darker color. If you saturate the color by 10%, you get **70.8450, 17.8750, 33.9950**, and if you desaturate by 10%, it is **83.7590, 11.8250, 22.4890**.

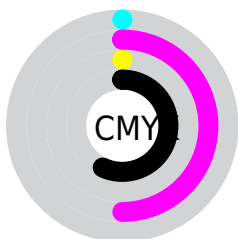
Distribution



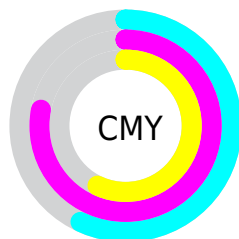
- Red (43%)
- Green (22%)
- Blue (43%)



- Red (43%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.3020, 14.8500, 28.2420 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 77.3020, 14.8500, 28.2420 by changing the saturation by 10% instead.

■ 77.3020, 14.8500,
28.2420

■ 77.3020, 14.8500,
28.2420

■ 255.0000, -0.0000,
-0.0000

■ 53.0030, 14.2540,
28.0300

■ 127.8400, 16.2710,
30.0230

■ 28.1170, 13.9330,
28.3410

■ 154.5520, 17.1420,
30.7580

■ 15.8080, 10.1290,
20.1850

■ 181.3780, 17.6920,
31.8040

■ 2.5250, -5.7320,
4.7640

■ 209.0900, 18.5630,
32.5390

■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.1000,
23.0120

■ 246.1950, 4.1250,

7.8450

■ 77.3020, 14.8500,
28.2420

■ 77.3020, 14.8500,
28.2420

■ 70.8450, 17.8750,
33.9950

■ 83.7590, 11.8250,
22.4890

■ 64.3880, 20.9000,
39.7480

■ 90.2160, 8.8000,
16.7360

■ 57.9310, 23.9250,
45.5010

■ 96.6730, 5.7750,
10.9830

■ 51.4740, 26.9500,
51.2540

■ 103.1300, 2.7500,
5.2300

■ 45.0170, 29.9750,
57.0070

■ 109.5870, -0.2750,
-0.5230

■ 115.4570, -3.0250,
-5.7530

■ 121.9140, -6.0500,
-11.5060

■ 128.3710, -9.0750,
-17.2590

■ 134.8280,
-12.1000, -23.0120

Harmonies

Analogous

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



75.9540, -19.5810, 18.9710



77.3020, 14.8500, 28.2420



74.3940, 37.9580, 27.9580

Triad

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



77.3020, 14.8500, 28.2420



71.3420, 33.4270, -16.5970



63.8710, -57.2170, -14.8250

Complementary

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



77.3020, 14.8500, 28.2420



86.6980, -14.8500, -28.2420

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.



60.3370, -47.2660, -24.4660



77.3020, 14.8500, 28.2420



68.8660, 11.1000, -24.9640

Square

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



77.3020, 14.8500, 28.2420



73.1130, 44.9780, -0.1580



61.0110, -26.0370, -29.2450



65.4330, -64.3710, -6.3150

Rectangle

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



77.3020, 14.8500, 28.2420



73.1850, 45.6160, 21.3280



61.0110, -26.0370, -29.2450



63.3180, -54.2820, -18.4580

Sweetspot

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



77.3020, 14.8500, 28.2420



130.0860, 6.0500, 11.5060



61.1560, -17.3340, 16.7940



63.9560, 3.3000, 6.2760



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.



77.3020, 14.8500, 28.2420



93.6920, 23.1000, 43.9320



74.2240, 23.5170, 19.8450



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Inverse Universe

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



77.3020, 14.8500, 28.2420



93.6920, 23.1000, 43.9320



89.7760, -23.5170, -19.8450



50.4780, 1.6500, 3.1380



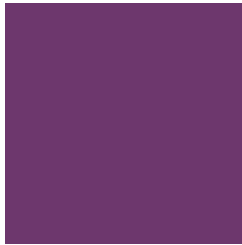
48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Previews

White Background



This preview shows how the YIQ color 77.3020, 14.8500, 28.2420 looks on a white background.

Color Contrast Check

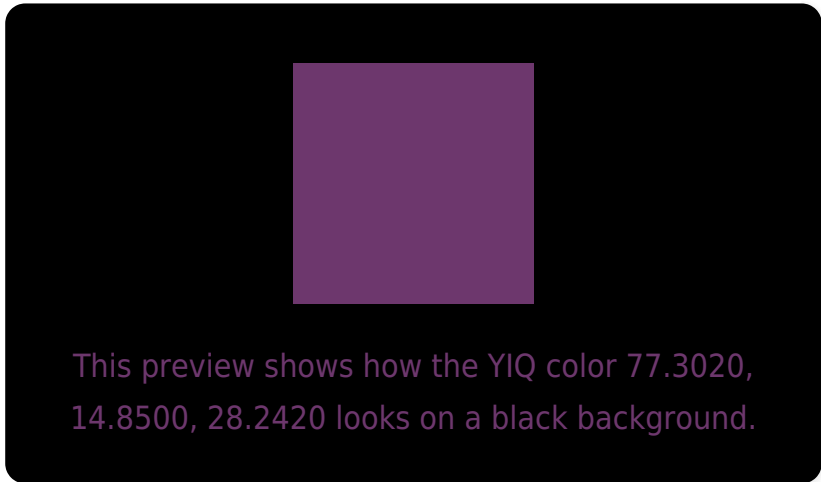
Large Text (above 18pt) WCAG AA ✓ Pass

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

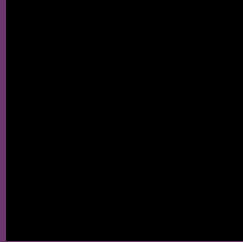
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.3020, 14.8500, 28.2420

Background



This preview shows how black text looks on a background with the YIQ color 77.3020, 14.8500, 28.2420.



This preview shows how white text looks on a background with the YIQ color 77.3020, 14.8500,

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

77.3020, 14.8500, 28.2420

Protanopia

74.1330, -27.6950, 11.8330

Deuteranopia

75.7290, -14.9940, 7.4220



Tritanopia

77.1170, 21.9600, 9.5120

Trichromacy



Original Color

77.3020, 14.8500, 28.2420

Protanomaly

75.3200, -11.9240, 17.8680

Deuteranomaly

76.5180, -3.8540, 14.7860

Tritanomaly

77.0770, 19.4370, 16.6930

Monochromacy



Original Color

77.3020, 14.8500, 28.2420

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2600, 5.5000, 10.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3020, 14.8500, 28.2420 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(109, 55, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 55, 109)  
}
```

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(109, 55, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 55, 109) }
```

Border

The CSS property to change the border of an element to YIQ 77.3020, 14.8500, 28.2420 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(109, 55, 109) }
```


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

```
.border{ border-color:rgb(109, 55, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 55, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 55, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 55, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 55,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3020, 14.8500, 28.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 55, 109) }
```

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

```
.background{ background-color: rgb(109, 55,  
109) }
```

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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