

Converting Colors

YIQ(62.5990, 0.5920, 22.3200)

Have a look what the booklet for
YIQ(62.5990, 0.5920, 22.3200)
contains.

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Color

**YIQ(62.5990, 0.5920,
22.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3064
RGB	77, 48, 100
RGB Percent	30%, 19%, 39%
CMY	0.6979, 0.8118, 0.6079
CMYK	0.23, 0.52, 0.00, 0.61
HSL	274°, 35%, 29%
HSV	274°, 52%, 39%
XYZ	6.4189, 4.6117, 12.6060
YIQ	62.5990, 0.5920, 22.3200

Conversions

Conversions Part 2

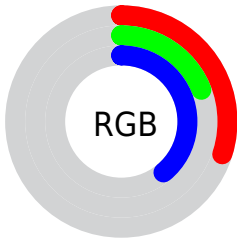
Format	Color
R_{YB}	77, 48, 100
Decimal	5058660
CIE _{Lab}	25.60, 24.31, -25.76
CIE _{LCh}	26, 35.417, 313.348
Yxy	4.6117, 0.2716, 0.1951
Android (android.graphics.Color)	4283248740 (0xFF4D3064)
YUV	62.5990, 18.4387, 12.6297
Hunter-Lab	21.4748, 15.7732, -19.7715

Details

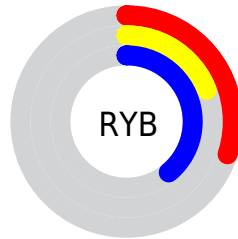
The YIQ color **62.5990, 0.5920, 22.3200** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.4010, -0.5920, -22.3200**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.9520, 1.0960, 24.2000**, and **17.6590, 0.3630, 20.9630** is the 20% darker color. If you saturate the color by 10%, you get **55.5330, 0.9580, 26.7020**, and if you desaturate by 10%, it is **69.6650, 0.2260, 17.9380**.

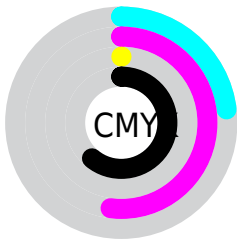
Distribution



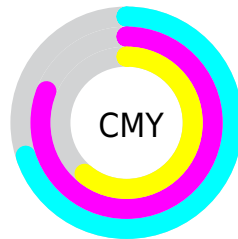
- Red (30%)
- Green (19%)
- Blue (39%)



- Red (30%)
- Yellow (19%)
- Blue (39%)



- Cyan (23%)
- Magenta (52%)
- Yellow (0%)
- Black (61%)



- Cyan (70%)
- Magenta (81%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.5990, 0.5920, 22.3200 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 62.5990, 0.5920, 22.3200 by changing the saturation by 10% instead.

62.5990, 0.5920,
22.3200

62.5990, 0.5920,
22.3200

255.0000, -0.0000,
-0.0000

39.7730, 0.0420,
21.2740

110.9520, 1.0960,
24.2000

17.6590, 0.3630,
20.9630

136.7780, 1.6460,
25.2460

3.5340, -9.9510,
9.6410

163.3050, 1.6000,
26.0800

0.2280, -0.6420,
0.6220

190.7180, 1.8750,
26.6030

0.0000, 0.0000,
0.0000

217.3330, 4.3970,
24.9490

239.1510, 7.4250,

14.1210

■ 62.5990, 0.5920,
22.3200

■ 62.5990, 0.5920,
22.3200

■ 55.5330, 0.9580,
26.7020

■ 69.6650, 0.2260,
17.9380

■ 48.1680, 0.7280,
30.8720

■ 77.0300, 0.4560,
13.7680

■ 41.1020, 1.0940,
35.2540

■ 84.0960, 0.0900,
9.3860

■ 33.7370, 0.8640,
39.4240

■ 91.4610, 0.3200,
5.2160

■ 28.1440, 1.2760,
42.9720

■ 98.5270, -0.0460,
0.8340

■ 105.8920, 0.1840,
-3.3360

■ 112.9580, -0.1820,
-7.7180

■ 120.0240, -0.5480,
-12.1000

■ 127.3890, -0.3180,
-16.2700

Harmonies

Analogous

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



55.8760, -37.2770, 9.2750



62.5990, 0.5920, 22.3200



60.6960, 25.3040, 26.0080

Triad

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



62.5990, 0.5920, 22.3200



57.7540, 35.4430, -9.0770



51.0590, -43.1870, -15.7870

Complementary

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



62.5990, 0.5920, 22.3200



85.4010, -0.5920, -22.3200

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.



47.2800, -33.9240, -23.9720



62.5990, 0.5920, 22.3200



55.8180, 20.2230, -19.5930

Square

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



62.5990, 0.5920, 22.3200



58.3010, 41.8130, 7.6450



52.1230, -5.6810, -23.7050



53.3220, -50.9370, -7.4890

Rectangle

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



62.5990, 0.5920, 22.3200



58.3890, 36.3540, 23.9860



52.1230, -5.6810, -23.7050



50.0330, -40.2980, -18.5860

Sweetspot

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



62.5990, 0.5920, 22.3200



114.9820, 0.4110, 9.0750



67.4290, -23.0170, 4.1430



57.4610, 0.3200, 5.2160



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



62.5990, 0.5920, 22.3200



71.6890, 0.8190, 34.7310



69.1340, 15.2630, 26.2630



47.4670, 0.1830, 2.1910



32.2460, 1.2290, 49.3330



67.9530, 2.7780, 103.8820

Inverse Universe

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



66.1700, 23.6090, 18.1770



77.3230, 36.7200, 28.3680



78.8660, -15.2630, -26.2630



47.7230, 2.3380, 1.6820



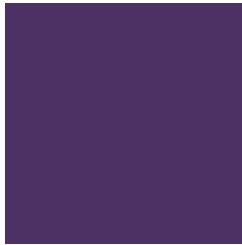
40.1990, 52.1690, 40.2410



84.5560, 109.8850, 84.5810

Previews

White Background



This preview shows how the YIQ color 62.5990, 0.5920, 22.3200 looks on a white background.

Color Contrast Check

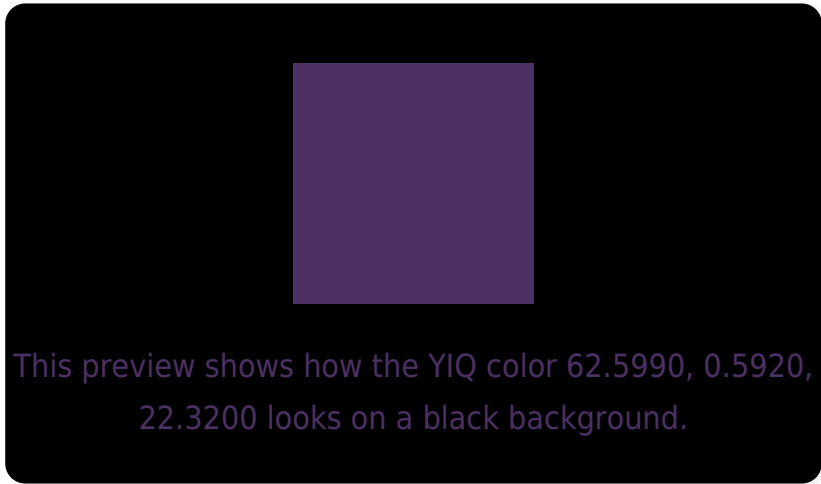
Large Text (above 18pt) WCAG AA ✓ Pass

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

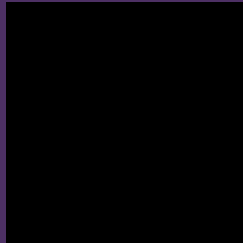
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.5990, 0.5920, 22.3200

Background



This preview shows how black text looks on a background with the YIQ color 62.5990, 0.5920, 22.3200.



This preview shows how white text looks on a background with the YIQ color 62.5990, 0.5920,

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

62.5990, 0.5920, 22.3200

Protanopia

58.0510, -30.4000, 11.2960

Deuteranopia

58.8250, -24.0720, 6.7440



Tritanopia

61.7560, 6.7390, 4.5230

Trichromacy



Original Color

62.5990, 0.5920, 22.3200

Protanomaly

59.7320, -19.0760, 15.3240

Deuteranomaly

59.8910, -15.2700, 12.4260

Tritanomaly

62.1890, 4.2620, 10.8700

Monochromacy



Original Color

62.5990, 0.5920, 22.3200

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.5990, 0.5920, 22.3200 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(77, 48, 100)` looks like.

```
.text, #text, p{  
    color:rgb(77, 48, 100)  
}
```

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(77, 48, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 48, 100) }
```

Border

The CSS property to change the border of an element to YIQ 62.5990, 0.5920, 22.3200 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(77, 48, 100) }
```


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

```
.border{ border-color:rgb(77, 48, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 48, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 48, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 48, 100);  
box-shadow:4px 4px 4px 4px rgb(77, 48,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 62.5990, 0.5920, 22.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 48, 100) }
```

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

```
.background{ background-color: rgb(77, 48,  
100) }
```

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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