

Converting Colors

YIQ(61.9360, 24.3880, 20.5800)

Have a look what the booklet for
YIQ(61.9360, 24.3880, 20.5800)
contains.

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Color

**YIQ(61.9360, 24.3880,
20.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	622A46
RGB	98, 42, 70
RGB Percent	38%, 16%, 27%
CMY	0.6155, 0.8354, 0.7254
CMYK	0.00, 0.57, 0.29, 0.62
HSL	330°, 40%, 27%
HSV	330°, 57%, 38%
XYZ	6.9744, 4.6955, 6.3363
YIQ	61.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

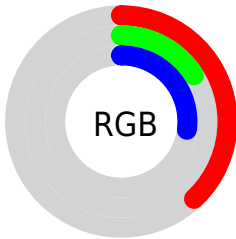
Format	Color
RYB	98, 42, 70
Decimal	6433350
CIELab	25.85, 28.94, -5.35
CIELCh	26, 29.434, 349.528
Yxy	4.6955, 0.3873, 0.2608
Android (android.graphics.Color)	4284623430 (0xFF622A46)
YUV	61.9360, 3.9756, 31.6281
Hunter-Lab	21.6691, 19.5306, -2.1686

Details

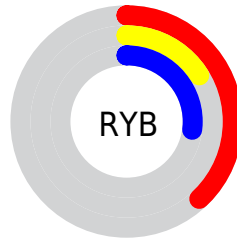
The YIQ color **61.9360, 24.3880, 20.5800** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.0640, -24.3880, -20.5800**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.4310, 27.3680, 21.6400**, and **17.7290, 20.5370, 18.7850** is the 20% darker color. If you saturate the color by 10%, you get **55.4960, 28.7430, 24.2550**, and if you desaturate by 10%, it is **68.3760, 20.0330, 16.9050**.

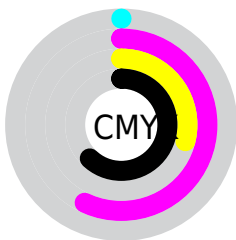
Distribution



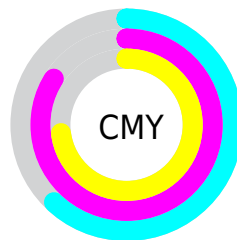
- Red (38%)
- Green (16%)
- Blue (27%)



- Red (38%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (62%)



- Cyan (62%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9360, 24.3880, 20.5800 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 61.9360, 24.3880, 20.5800 by changing the saturation by 10% instead.

61.9360, 24.3880,
20.5800

61.9360, 24.3880,
20.5800

255.0000, -0.0000,
-0.0000

37.8650, 23.1500,
20.9900

111.4310, 27.3680,
21.6400

17.7290, 20.5370,
18.7850

137.1430, 28.2390,
22.3750

6.8770, 13.7080,
4.8760

163.7410, 29.4310,
22.7990

0.0000, 0.0000,
0.0000

191.4530, 30.3020,
23.5340

216.4740, 25.8090,
22.3610

236.6890, 8.8460,

15.9020

253.2390, 0.8250,
1.5690

61.9360, 24.3880,
20.5800

61.9360, 24.3880,
20.5800

55.4960, 28.7430,
24.2550

68.3760, 20.0330,
16.9050

49.0560, 33.0980,
27.9300

74.8160, 15.6780,
13.2300

43.2030, 37.1780,
31.0820

80.6690, 11.5980,
10.0780

36.7630, 41.5330,
34.7570

87.1090, 7.2430,
6.4030

34.8880, 42.6790,
36.0150

93.5490, 2.8880,
2.7280

■ 99.8750, -1.1460,
-1.2580

■ 106.3150, -5.5010,
-4.9330

■ 112.1680, -9.5810,
-8.0850

■ 118.6080,
-13.9360, -11.7600

Harmonies

Analogous

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



63.2420, 5.9110, 19.5350



61.9360, 24.3880, 20.5800



60.6240, 33.8340, 14.5860

Triad

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



61.9360, 24.3880, 20.5800



57.0330, 12.4280, -15.9880



51.9200, -49.7450, -7.0650

Complementary

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



61.9360, 24.3880, 20.5800



78.0640, -24.3880, -20.5800

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.



50.8140, -43.8750, -14.3310



61.9360, 24.3880, 20.5800



53.9040, -9.2580, -19.4500

Square

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



61.9360, 24.3880, 20.5800



59.0890, 27.1900, -8.1860



48.1920, -36.4920, -21.4840



50.7120, -51.8550, -1.8630

Rectangle

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



61.9360, 24.3880, 20.5800



60.4790, 35.4400, 7.5040



48.1920, -36.4920, -21.4840



51.8230, -48.0940, -9.4540

Sweetspot

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



61.9360, 24.3880, 20.5800



113.8320, 9.5810, 8.0850



56.4570, -1.8840, 23.1400



55.5710, 5.8220, 4.6220



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



61.9360, 24.3880, 20.5800



71.3280, 38.3240, 32.3400



58.8580, 33.0550, 12.1830



45.4240, 1.7420, 1.4700



39.8720, 48.7760, 41.1600



85.4400, 104.5200, 88.2000

Inverse Universe

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



61.9360, 24.3880, 20.5800



71.3280, 38.3240, 32.3400



81.1420, -33.0550, -12.1830



45.4240, 1.7420, 1.4700



39.8720, 48.7760, 41.1600



85.4400, 104.5200, 88.2000

Previews

White Background



This preview shows how the YIQ color 61.9360, 24.3880, 20.5800 looks on a white background.

Color Contrast Check

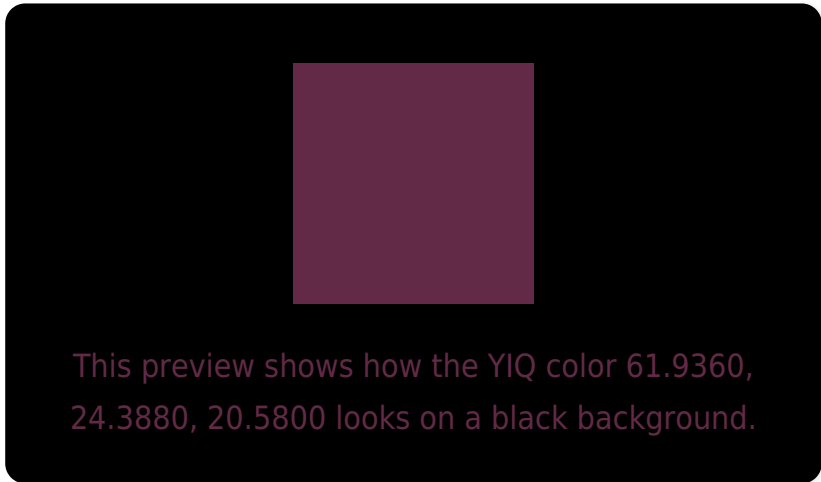
Large Text (above 18pt) WCAG AA ✓ Pass

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

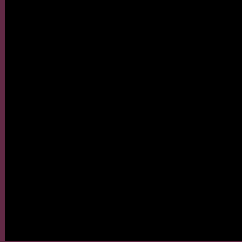
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.9360, 24.3880, 20.5800

Background



This preview shows how black text looks on a background with the YIQ color 61.9360, 24.3880, 20.5800.



This preview shows how white text looks on a background with the YIQ color 61.9360, 24.3880,

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

61.9360, 24.3880, 20.5800

Protanopia

62.0130, -10.0420, 5.7820

Deuteranopia

62.5920, 1.3290, 3.4490



Tritanopia

61.4060, 28.5160, 11.8440

Trichromacy



Original Color

61.9360, 24.3880, 20.5800

Protanomaly

61.8190, 2.4280, 11.0680

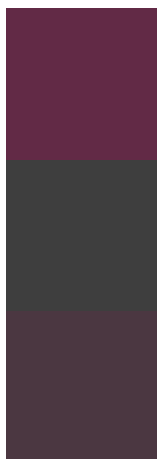
Deuteranomaly

62.1850, 10.0850, 9.9650

Tritanomaly

61.9160, 27.1400, 14.7560

Monochromacy



Original Color

61.9360, 24.3880, 20.5800

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.1200, 8.7100, 7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9360, 24.3880, 20.5800 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(98, 42, 70)` looks like.

```
.text, #text, p{  
    color:rgb(98, 42, 70)  
}
```

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(98, 42, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 42, 70) }
```

Border

The CSS property to change the border of an element to YIQ 61.9360, 24.3880, 20.5800 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(98, 42, 70) }
```


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

```
.border{ border-color:rgb(98, 42, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 42, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 42, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 42, 70);  
box-shadow:4px 4px 4px 4px rgb(98, 42, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.9360, 24.3880, 20.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 42, 70) }
```

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

```
.background{ background-color: rgb(98, 42,  
70) }
```

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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