

Converting Colors

YIQ(62.9620, 12.3310, 13.3150)

Have a look what the booklet for
YIQ(62.9620, 12.3310, 13.3150)
contains.

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Color

**YIQ(62.9620, 12.3310,
13.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	533348
RGB	83, 51, 72
RGB Percent	33%, 20%, 28%
CMY	0.6744, 0.8000, 0.7176
CMYK	0.00, 0.39, 0.13, 0.67
HSL	321°, 24%, 26%
HSV	321°, 39%, 33%
XYZ	5.9225, 4.6745, 6.7224
YIQ	62.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

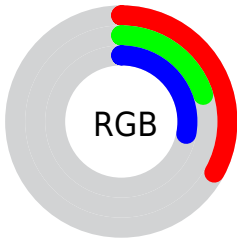
Format	Color
R_{YB}	83, 51, 72
Decimal	5452616
CIE Lab	25.79, 18.11, -7.00
CIE LCh	26, 19.417, 338.865
Yxy	4.6745, 0.3420, 0.2699
Android (android.graphics.Color)	4283642696 (0xFF533348)
YUV	62.9620, 4.4557, 17.5733
Hunter-Lab	21.6206, 11.0602, -3.3005

Details

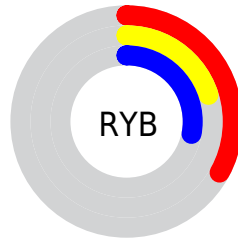
The YIQ color **62.9620, 12.3310, 13.3150** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.0380, -12.3310, -13.3150**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9730, 13.7980, 14.2620**, and **18.4780, 10.8180, 13.2020** is the 20% darker color. If you saturate the color by 10%, you get **57.9240, 15.4940, 16.5660**, and if you desaturate by 10%, it is **68.0000, 9.1680, 10.0640**.

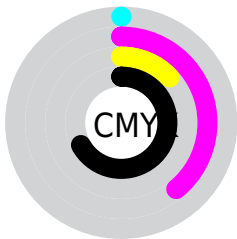
Distribution



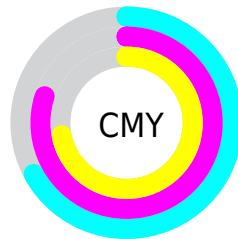
- Red (33%)
- Green (20%)
- Blue (28%)



- Red (33%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (67%)



- Cyan (67%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.9620, 12.3310, 13.3150 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 62.9620, 12.3310, 13.3150 by changing the saturation by 10% instead.

■ 62.9620, 12.3310,
13.3150

■ 62.9620, 12.3310,
13.3150

■ 255.0000, -0.0000,
-0.0000

■ 40.3640, 11.1390,
12.8910

■ 110.9730, 13.7980,
14.2620

■ 18.4780, 10.8180,
13.2020

■ 136.6850, 14.6690,
14.9970

■ 0.0000, 0.0000,
0.0000

■ 163.0980, 14.9440,
15.5200

■ 190.3970, 15.5400,
15.7320

■ 217.8100, 15.8150,
16.2550

■ 241.4990, 6.3250,

12.0290

■ 62.9620, 12.3310,
13.3150

■ 62.9620, 12.3310,
13.3150

■ 57.9240, 15.4940,
16.5660

■ 68.0000, 9.1680,
10.0640

■ 52.2990, 18.9320,
20.3400

■ 73.6250, 5.7300,
6.2900

■ 47.2610, 22.0950,
23.5910

■ 78.6630, 2.5670,
3.0390

■ 42.3370, 24.9370,
27.1530

■ 83.5870, -0.2750,
-0.5230

■ 36.7120, 28.3750,
30.9270

■ 89.2120, -3.7130,
-4.2970

■ 31.6740, 31.5380,
34.1780

■ 94.2500, -6.8760,
-7.5480

■ 30.9730, 32.1340,
34.3900

■ 99.2880, -10.0390,
-10.7990

■ 104.3260,
-13.2020, -14.0500

■ 109.9510,
-16.6400, -17.8240

Harmonies

Analogous

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



62.7800, -1.8360, 11.2520



62.9620, 12.3310, 13.3150



61.8720, 21.2720, 10.9680

Triad

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



62.9620, 12.3310, 13.3150



59.6620, 12.3350, -8.7930



48.9220, -44.0590, -10.9950

Complementary

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



62.9620, 12.3310, 13.3150



71.0380, -12.3310, -13.3150

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.



50.0060, -35.6680, -14.3880



62.9620, 12.3310, 13.3150



58.0240, -0.5480, -12.1000

Square

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



62.9620, 12.3310, 13.3150



60.9560, 20.4950, -2.4890



55.1840, -15.6780, -13.2300



53.5690, -35.3950, -2.8110

Rectangle

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



62.9620, 12.3310, 13.3150



62.0200, 23.6110, 7.1230



55.1840, -15.6780, -13.2300



49.0530, -43.0500, -12.7620

Sweetspot

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



62.9620, 12.3310, 13.3150



98.9130, 4.8590, 5.5550



57.9370, -3.7160, 12.2840



48.9620, 3.1630, 3.2510



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



62.9620, 12.3310, 13.3150



76.2990, 18.9320, 20.3400



61.1380, 17.4670, 8.3390



38.4240, 1.7420, 1.4700



39.2610, 40.4310, 43.7190



86.6960, 89.4800, 96.4560

Inverse Universe

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



62.9620, 12.3310, 13.3150



76.2990, 18.9320, 20.3400



72.8620, -17.4670, -8.3390



38.4240, 1.7420, 1.4700



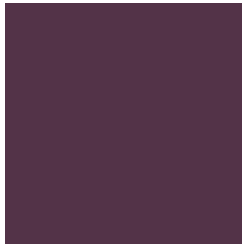
39.2610, 40.4310, 43.7190



86.6960, 89.4800, 96.4560

Previews

White Background



This preview shows how the YIQ color 62.9620, 12.3310, 13.3150 looks on a white background.

Color Contrast Check

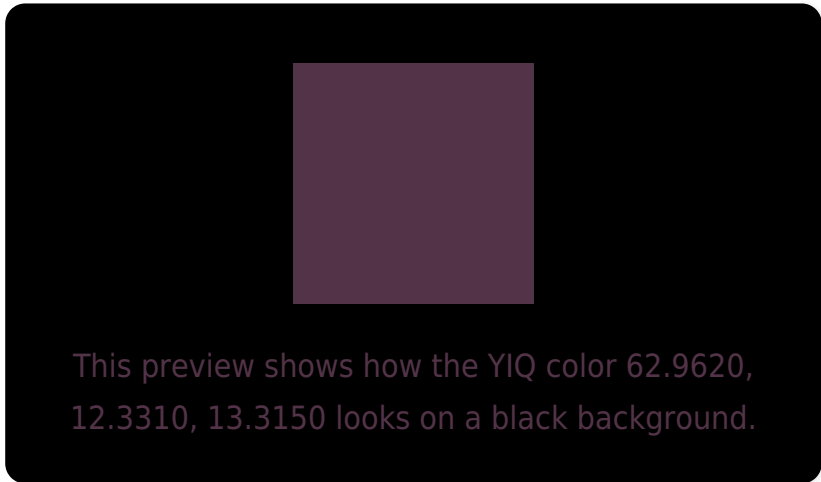
Large Text (above 18pt) WCAG AA ✓ Pass

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

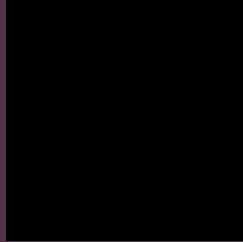
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.9620, 12.3310, 13.3150

Background



This preview shows how black text looks on a background with the YIQ color 62.9620, 12.3310, 13.3150.



This preview shows how white text looks on a background with the YIQ color 62.9620, 12.3310,

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

62.9620, 12.3310, 13.3150

Protanopia

61.8560, -8.1620, 4.7500

Deuteranopia

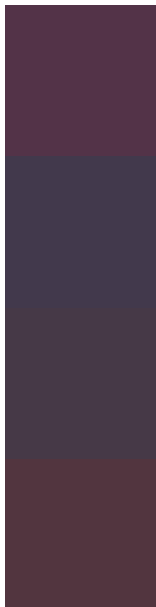
62.0370, -1.4220, 3.7460



Tritanopia

62.5290, 14.8080, 6.9680

Trichromacy



Original Color

62.9620, 12.3310, 13.3150

Protanomaly

61.8570, -0.7350, 7.8170

Deuteranomaly

62.4830, 3.2540, 7.1100

Tritanomaly

62.8110, 14.0740, 9.2580

Monochromacy



Original Color

62.9620, 12.3310, 13.3150

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9620, 12.3310, 13.3150 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(83, 51, 72)` looks like.

```
.text, #text, p{  
    color:rgb(83, 51, 72)  
}
```

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(83, 51, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 51, 72) }
```

Border

The CSS property to change the border of an element to YIQ 62.9620, 12.3310, 13.3150 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(83, 51, 72) }
```


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

```
.border{ border-color:rgb(83, 51, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 51, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 51, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 51, 72);  
box-shadow:4px 4px 4px 4px rgb(83, 51, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.9620, 12.3310, 13.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 51, 72) }
```

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

```
.background{ background-color: rgb(83, 51,  
72) }
```

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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