

Converting Colors

YIQ(55.6490, 32.6860, 24.3820)

Have a look what the booklet for
YIQ(55.6490, 32.6860, 24.3820)
contains.

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Color

**YIQ(55.6490, 32.6860,
24.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	661F3D
RGB	102, 31, 61
RGB Percent	40%, 12%, 24%
CMY	0.5998, 0.8785, 0.7607
CMYK	0.00, 0.70, 0.40, 0.60
HSL	335°, 53%, 26%
HSV	335°, 70%, 40%
XYZ	6.8172, 4.1432, 4.8591
YIQ	55.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

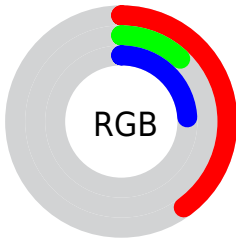
Format	Color
R_{YB}	102, 31, 61
Decimal	6692669
CIE _{Lab}	24.14, 34.73, -1.74
CIE _{LCh}	24, 34.771, 357.140
Yxy	4.1432, 0.4309, 0.2619
Android (android.graphics.Color)	4284882749 (0xFF661F3D)
YUV	55.6490, 2.6380, 40.6498
Hunter-Lab	20.3549, 24.1613, 0.0947

Details

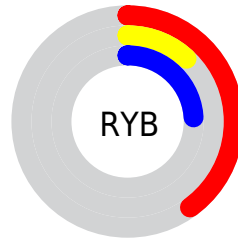
The YIQ color **55.6490, 32.6860, 24.3820** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.3510, -32.6860, -24.3820**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9160, 36.3080, 24.8200**, and **17.7140, 24.8930, 16.9330** is the 20% darker color. If you saturate the color by 10%, you get **49.0950, 37.3620, 27.7460**, and if you desaturate by 10%, it is **62.2030, 28.0100, 21.0180**.

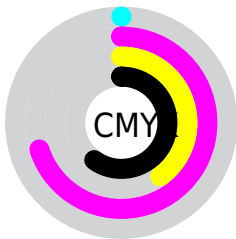
Distribution



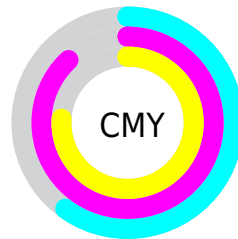
- Red (40%)
- Green (12%)
- Blue (24%)



- Red (40%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6490, 32.6860, 24.3820 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 55.6490, 32.6860, 24.3820 by changing the saturation by 10% instead.

■ 55.6490, 32.6860,
24.3820

■ 55.6490, 32.6860,
24.3820

■ 255.0000, -0.0000,
-0.0000

■ 28.9310, 31.9520,
26.6720

■ 105.9160, 36.3080,
24.8200

■ 17.7140, 24.8930,
16.9330

■ 132.5140, 37.5000,
25.2440

■ 6.2790, 12.5160,
4.4520

■ 159.1120, 38.6920,
25.6680

■ 0.0000, 0.0000,
0.0000

■ 186.4220, 40.7550,
26.8270

■ 209.8230, 32.1360,
23.3360

■ 229.5650, 15.1270,

17.7110

247.9560, 3.3000,
6.2760

55.6490, 32.6860,
24.3820

55.6490, 32.6860,
24.3820

49.0950, 37.3620,
27.7460

62.2030, 28.0100,
21.0180

42.5410, 42.0380,
31.1100

68.7570, 23.3340,
17.6540

35.4000, 46.9890,
34.9970

75.8980, 18.3830,
13.7670

82.4520, 13.7070,
10.4030

88.8920, 9.3520,
6.7280

■ 95.4460, 4.6760,
3.3640

■ 102.0000, -0.0000,
-0.0000

■ 109.1410, -4.9510,
-3.8870

■ 115.6950, -9.6270,
-7.2510

Harmonies

Analogous

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



58.4110, 12.9250, 24.5810



55.6490, 32.6860, 24.3820



54.7450, 40.8030, 14.9390

Triad

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



55.6490, 32.6860, 24.3820



51.4900, 9.4030, -21.7410



50.8430, -50.8460, -3.6300

Complementary

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



55.6490, 32.6860, 24.3820



77.3510, -32.6860, -24.3820

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.



49.7370, -44.9760, -10.8960



55.6490, 32.6860, 24.3820



43.3040, -25.3040, -26.0080

Square

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



55.6490, 32.6860, 24.3820



53.8130, 27.7870, -13.5010



46.6590, -36.3090, -19.2930



48.3470, -52.0850, 2.3070

Rectangle

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



55.6490, 32.6860, 24.3820



55.0510, 39.5210, 5.1290



46.6590, -36.3090, -19.2930



50.7460, -49.1950, -6.0190

Sweetspot

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



55.6490, 32.6860, 24.3820



114.7400, 12.8360, 9.6680



51.0540, 1.0490, 30.5610



55.5820, 7.2890, 5.5690



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.



55.6490, 32.6860, 24.3820



59.8460, 51.6650, 38.3610



55.1640, 40.9410, 12.4370



47.7230, 2.3380, 1.6820



39.9710, 52.8110, 39.6190



83.9860, 111.4900, 83.0260

Inverse Universe

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



55.6490, 32.6860, 24.3820



59.8460, 51.6650, 38.3610



77.8360, -40.9410, -12.4370



47.7230, 2.3380, 1.6820



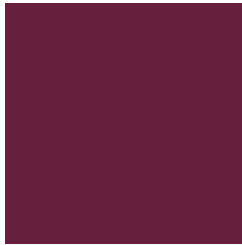
39.9710, 52.8110, 39.6190



83.9860, 111.4900, 83.0260

Previews

White Background



This preview shows how the YIQ color 55.6490, 32.6860, 24.3820 looks on a white background.

Color Contrast Check

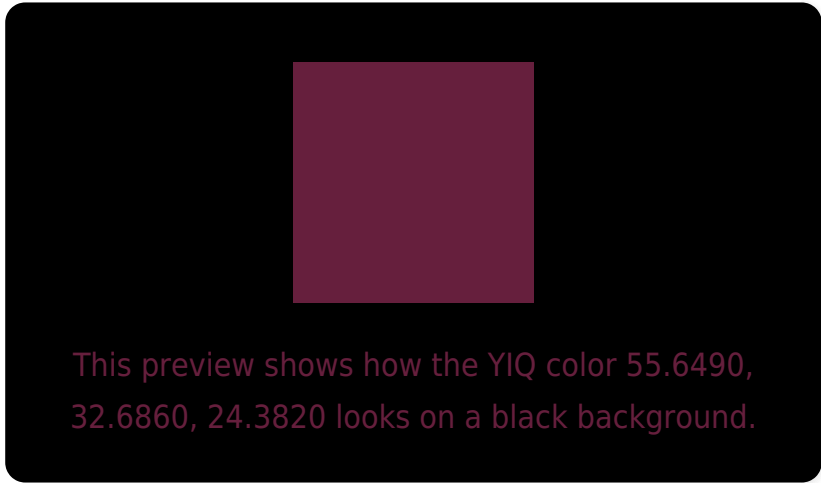
Large Text (above 18pt) WCAG AA ✓ Pass

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

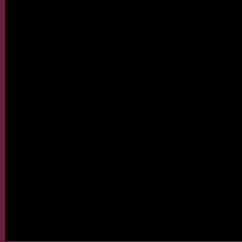
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6490, 32.6860, 24.3820

Background



This preview shows how black text looks on a background with the YIQ color 55.6490, 32.6860, 24.3820.



This preview shows how white text looks on a background with the YIQ color 55.6490, 32.6860,

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

55.6490, 32.6860, 24.3820

Protanopia

58.7850, -9.4000, 5.1600

Deuteranopia

59.3920, 4.7680, 1.6960



Tritanopia

55.7770, 37.7770, 14.7130

Trichromacy



Original Color

55.6490, 32.6860, 24.3820

Protanomaly

57.6130, 6.0040, 12.3400

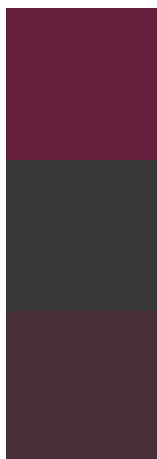
Deuteranomaly

58.1100, 14.6700, 9.4700

Tritanomaly

55.5150, 35.7590, 18.2470

Monochromacy



Original Color

55.6490, 32.6860, 24.3820

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6490, 32.6860, 24.3820 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(102, 31, 61)` looks like.

```
.text, #text, p{  
    color:rgb(102, 31, 61)  
}
```

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(102, 31, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 31, 61) }
```

Border

The CSS property to change the border of an element to YIQ 55.6490, 32.6860, 24.3820 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(102, 31, 61) }
```


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

```
.border{ border-color:rgb(102, 31, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 31, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 31, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 31, 61);  
box-shadow:4px 4px 4px 4px rgb(102, 31,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 55.6490, 32.6860, 24.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 31, 61) }
```

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

```
.background{ background-color: rgb(102, 31,  
61) }
```

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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