

Converting Colors

YIQ(43.6130, 24.3400, 32.4680)

Have a look what the booklet for
YIQ(43.6130, 24.3400, 32.4680)
contains.

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Color

**YIQ(43.6130, 24.3400,
32.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	571048
RGB	87, 16, 72
RGB Percent	34%, 6%, 28%
CMY	0.6586, 0.9374, 0.7176
CMYK	0.00, 0.82, 0.17, 0.66
HSL	313°, 69%, 20%
HSV	313°, 82%, 34%
XYZ	5.2903, 2.8665, 6.4077
YIQ	43.6130, 24.3400, 32.4680

Conversions

Conversions Part 2

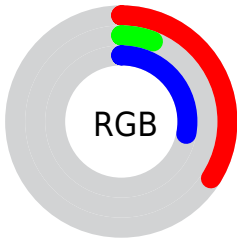
Format	Color
RYB	87, 16, 72
Decimal	5705800
CIELab	19.50, 37.88, -16.58
CIElCh	20, 41.355, 336.357
Yxy	2.8665, 0.3632, 0.1968
Android (android.graphics.Color)	4283895880 (0xFF571048)
YUV	43.6130, 13.9948, 38.0504
Hunter-Lab	16.9307, 26.1469, -10.5876

Details

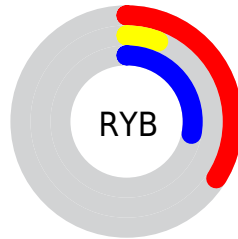
The YIQ color **43.6130, 24.3400, 32.4680** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.3870, -24.3400, -32.4680**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.6840, 25.5780, 32.0580**, and **15.8640, 15.7230, 17.9230** is the 20% darker color. If you saturate the color by 10%, you get **38.1020, 27.4570, 36.5530**, and if you desaturate by 10%, it is **49.1240, 21.2230, 28.3830**.

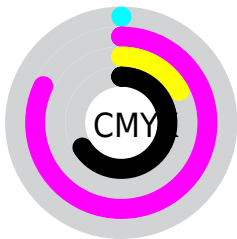
Distribution



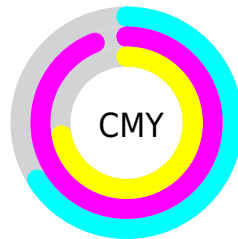
- Red (34%)
- Green (6%)
- Blue (28%)



- Red (34%)
- Yellow (6%)
- Blue (28%)



- Cyan (0%)
- Magenta (82%)
- Yellow (17%)
- Black (66%)



- Cyan (66%)
- Magenta (94%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.6130, 24.3400, 32.4680 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 43.6130, 24.3400, 32.4680 by changing the saturation by 10% instead.

■ 43.6130, 24.3400,
32.4680

■ 43.6130, 24.3400,
32.4680

■ 255.0000, -0.0000,
-0.0000

■ 24.1240, 21.2230,
28.3830

■ 94.6840, 25.5780,
32.0580

■ 15.8640, 15.7230,
17.9230

■ 120.6950, 27.0450,
33.0050

■ 0.0000, 0.0000,
0.0000


■ 147.2930, 28.2370,
33.4290


■ 174.7060, 28.5120,
33.9520


■ 202.4180, 29.3830,
34.6870


■ 222.7150, 15.1250,


28.7650


 239.1510, 7.4250,
14.1210


 43.6130, 24.3400,
32.4680


 43.6130, 24.3400,
32.4680


 38.1020, 27.4570,
36.5530

 49.1240, 21.2230,
28.3830

 33.8790, 29.7030,
39.9030

 54.0480, 18.3810,
24.8210

 59.5590, 15.2640,
20.7360

 64.9560, 12.4680,
16.3400

 70.4670, 9.3510,
12.2550

■ 75.3910, 6.5090,
8.6930

■ 80.9020, 3.3920,
4.6080

■ 86.4130, 0.2750,
0.5230

■ 91.3370, -2.5670,
-3.0390

Harmonies

Analogous

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



48.2220, -8.5320, 22.4760



43.6130, 24.3400, 32.4680



36.1500, 44.6970, 32.4810

Triad

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



43.6130, 24.3400, 32.4680



44.3220, 18.9840, -13.6560



44.6820, -43.1430, -5.5670

Complementary

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



43.6130, 24.3400, 32.4680



59.3870, -24.3400, -32.4680

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.



41.2620, -33.5130, -14.8970



43.6130, 24.3400, 32.4680



38.8630, -2.0130, -24.1010

Square

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



43.6130, 24.3400, 32.4680



44.4540, 36.5880, -2.2920



37.0270, -22.9660, -24.3260



45.2010, -48.7380, 2.2220

Rectangle

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



43.6130, 24.3400, 32.4680



38.6690, 47.1290, 21.4410



37.0270, -22.9660, -24.3260



43.5420, -39.9330, -8.6770

Sweetspot

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



43.6130, 24.3400, 32.4680



95.5810, 9.0300, 12.5660



28.2800, -14.4470, 25.0490



46.2660, 5.3630, 7.4350



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



43.6130, 24.3400, 32.4680



44.8080, 37.6330, 50.3770



39.6230, 35.5750, 21.5830



40.5380, 1.4210, 1.7810



41.5690, 36.8080, 48.8080



91.3550, 80.6750, 107.3550

Inverse Universe

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



43.6130, 24.3400, 32.4680



44.8080, 37.6330, 50.3770



63.3770, -35.5750, -21.5830



40.5380, 1.4210, 1.7810



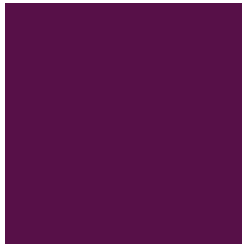
41.5690, 36.8080, 48.8080



91.3550, 80.6750, 107.3550

Previews

White Background



This preview shows how the YIQ color 43.6130, 24.3400, 32.4680 looks on a white background.

Color Contrast Check

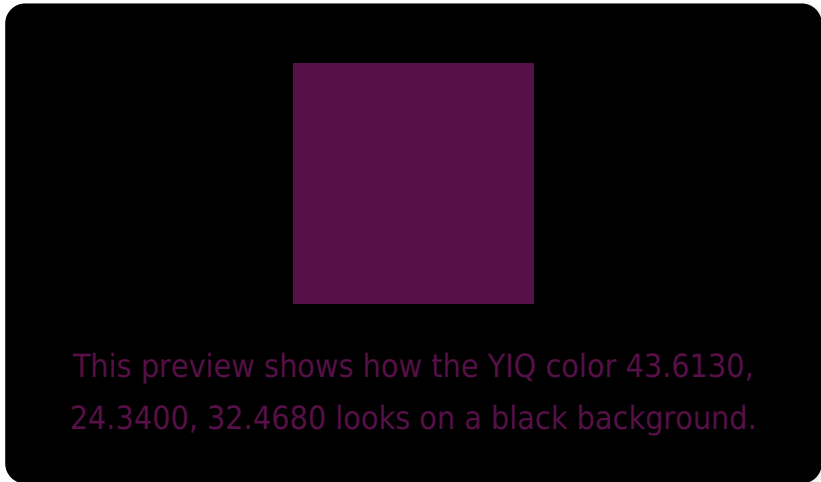
Large Text (above 18pt) WCAG AA ✓ Pass

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

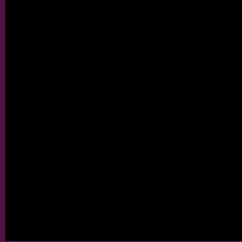
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.6130, 24.3400, 32.4680

Background



This preview shows how black text looks on a background with the YIQ color 43.6130, 24.3400, 32.4680.



This preview shows how white text looks on a background with the YIQ color 43.6130, 24.3400,

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

43.6130, 24.3400, 32.4680

Protanopia

44.4310, -34.5260, 8.9780

Deuteranopia

49.3720, -9.6750, 4.6370



Tritanopia

47.0750, 30.9460, 11.8580

Trichromacy



Original Color

43.6130, 24.3400, 32.4680

Protanomaly

43.8360, -13.4370, 17.7550

Deuteranomaly

47.2260, 2.8400, 14.6160

Tritanomaly

46.0350, 28.4230, 19.0390

Monochromacy



Original Color

43.6130, 24.3400, 32.4680

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0540, 9.0760, 11.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.6130, 24.3400, 32.4680 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(87, 16, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 16, 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(87, 16, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 16, 72) }
```

Border

The CSS property to change the border of an element to YIQ 43.6130, 24.3400, 32.4680 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(87, 16, 72) }
```


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

```
.border{ border-color:rgb(87, 16, 72) }
```

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

Here you see how a box with a 4 pixel rgb(87, 16, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 16, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 16, 72);  
box-shadow:4px 4px 4px 4px rgb(87, 16, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.6130, 24.3400, 32.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 16, 72) }
```

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

```
.background{ background-color: rgb(87, 16,  
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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