

Converting Colors

YIQ(72.4960, 28.7430, 24.2550)

Have a look what the booklet for
YIQ(72.4960, 28.7430, 24.2550)
contains.

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Color

**YIQ(72.4960, 28.7430,
24.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	733152
RGB	115, 49, 82
RGB Percent	45%, 19%, 32%
CMY	0.5488, 0.8079, 0.6783
CMYK	0.00, 0.57, 0.29, 0.55
HSL	330°, 40%, 32%
HSV	330°, 57%, 45%
XYZ	9.6972, 6.4518, 8.7214
YIQ	72.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

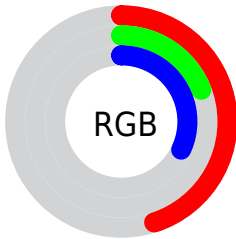
Format	Color
R_{YB}	115, 49, 82
Decimal	7549266
CIE _{Lab}	30.52, 33.10, -6.00
CIE _{LCh}	31, 33.637, 349.729
Yxy	6.4518, 0.3899, 0.2594
Android (android.graphics.Color)	4285739346 (0xFF733152)
YUV	72.4960, 4.6855, 37.2760
Hunter-Lab	25.4003, 23.6962, -2.5774

Details

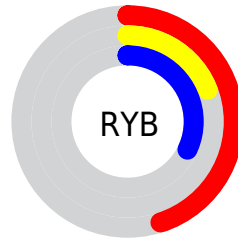
The YIQ color **72.4960, 28.7430, 24.2550** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.5040, -28.7430, -24.2550**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9910, 31.7230, 25.3150**, and **23.3540, 26.2670, 25.0750** is the 20% darker color. If you saturate the color by 10%, you get **64.7680, 33.9690, 28.6650**, and if you desaturate by 10%, it is **79.6370, 23.7920, 20.3680**.

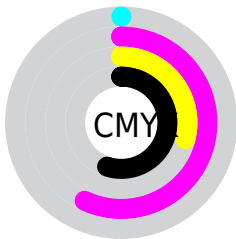
Distribution



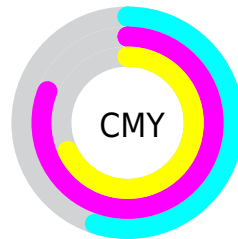
- Red (45%)
- Green (19%)
- Blue (32%)



- Red (45%)
- Yellow (19%)
- Blue (32%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.4960, 28.7430, 24.2550 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 72.4960, 28.7430, 24.2550 by changing the saturation by 10% instead.

72.4960, 28.7430,
24.2550

72.4960, 28.7430,
24.2550

255.0000, -0.0000,
-0.0000

48.0120, 27.2300,
24.1420

122.9910, 31.7230,
25.3150

23.3540, 26.2670,
25.0750

149.5890, 32.9150,
25.7390

15.0940, 20.7670,
14.6150

176.6000, 34.3820,
26.6860

0.0000, 0.0000,
0.0000

204.3120, 35.2530,
27.4210

223.9400, 18.5650,
21.4850

242.6730, 5.7750,

10.9830

■ 72.4960, 28.7430,
24.2550

■ 72.4960, 28.7430,
24.2550

■ 64.7680, 33.9690,
28.6650

■ 79.6370, 23.7920,
20.3680

■ 57.7410, 38.5990,
32.8630

■ 87.3650, 18.5660,
15.9580

■ 50.0130, 43.8250,
37.2730

■ 94.3920, 13.9360,
11.7600

■ 42.8720, 48.7760,
41.1600

■ 102.1200, 8.7100,
7.3500

■ 40.9970, 49.9220,
42.4180

■ 109.2610, 3.7590,
3.4630

■ 116.9890, -1.4670,
-0.9470

■ 124.6030, -6.3720,
-5.6680

■ 131.7440,
-11.3230, -9.5550

■ 139.4720,
-16.5490, -13.9650

Harmonies

Analogous

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



74.5350, 6.6440, 22.7720



72.4960, 28.7430, 24.2550



71.0270, 40.0690, 17.2290

Triad

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



72.4960, 28.7430, 24.2550



67.2950, 14.4460, -19.5220



61.3750, -58.4560, -8.8880

Complementary

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



72.4960, 28.7430, 24.2550



91.5040, -28.7430, -24.2550

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.



60.0410, -51.9440, -16.7760



72.4960, 28.7430, 24.2550



63.0130, -11.1830, -23.1110

Square

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



72.4960, 28.7430, 24.2550



69.3730, 32.1420, -9.8260



56.3760, -43.0020, -24.6500



59.2210, -60.6580, -2.0180

Rectangle

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



72.4960, 28.7430, 24.2550



70.9420, 41.4460, 8.7900



56.3760, -43.0020, -24.6500



61.2780, -56.8050, -11.2770

Sweetspot

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



72.4960, 28.7430, 24.2550



133.9570, 10.7270, 9.3430



66.0920, -2.1140, 27.3100



66.6960, 6.9680, 5.8800



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



72.4960, 28.7430, 24.2550



83.7250, 44.6960, 38.0080



68.8480, 39.0150, 14.3030



55.1360, 2.6130, 2.2050



43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Inverse Universe

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



72.4960, 28.7430, 24.2550



83.7250, 44.6960, 38.0080



95.1520, -39.0150, -14.3030



55.1360, 2.6130, 2.2050



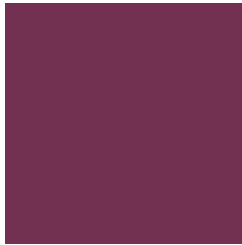
43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Previews

White Background



This preview shows how the YIQ color 72.4960, 28.7430, 24.2550 looks on a white background.

Color Contrast Check

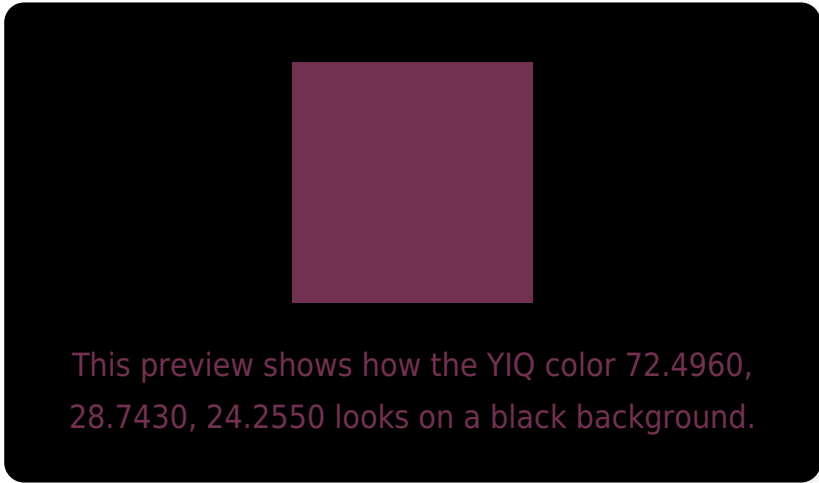
Large Text (above 18pt) WCAG AA ✓ Pass

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

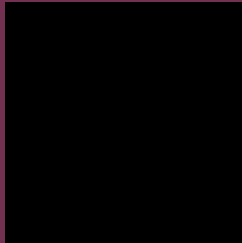
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.4960, 28.7430, 24.2550

Background



This preview shows how black text looks on a background with the YIQ color 72.4960, 28.7430, 24.2550.



This preview shows how white text looks on a background with the YIQ color 72.4960, 28.7430,

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

72.4960, 28.7430, 24.2550

Protanopia

72.8710, -12.5180, 6.6020

Deuteranopia

73.7060, 1.0080, 3.7600



Tritanopia

72.0970, 33.8800, 13.7520

Trichromacy



Original Color

72.4960, 28.7430, 24.2550

Protanomaly

72.8730, 2.3360, 12.7360

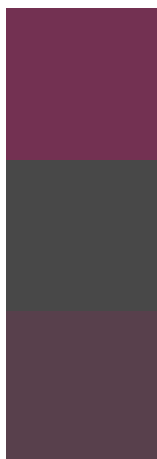
Deuteranomaly

73.3100, 11.2310, 11.2230

Tritanomaly

72.2480, 32.1370, 17.8090

Monochromacy



Original Color

72.4960, 28.7430, 24.2550

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.5440, 10.4520, 8.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4960, 28.7430, 24.2550 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(115, 49, 82)` looks like.

```
.text, #text, p{  
    color:rgb(115, 49, 82)  
}
```

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(115, 49, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 49, 82) }
```

Border

The CSS property to change the border of an element to YIQ 72.4960, 28.7430, 24.2550 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(115, 49, 82) }
```


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

```
.border{ border-color:rgb(115, 49, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 49, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 49, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 49, 82);  
box-shadow:4px 4px 4px 4px rgb(115, 49,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 72.4960, 28.7430, 24.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 49, 82) }
```

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

```
.background{ background-color: rgb(115, 49,  
82) }
```

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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