

Converting Colors

YIQ(64.7510, 32.6390, 30.7430)

Have a look what the booklet for
YIQ(64.7510, 32.6390, 30.7430)
contains.

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Color

**YIQ(64.7510, 32.6390,
30.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	732451
RGB	115, 36, 81
RGB Percent	45%, 14%, 32%
CMY	0.5488, 0.8589, 0.6823
CMYK	0.00, 0.69, 0.30, 0.55
HSL	326°, 52%, 30%
HSV	326°, 69%, 45%
XYZ	9.1935, 5.5028, 8.3669
YIQ	64.7510, 32.6390, 30.7430

Conversions

Conversions Part 2

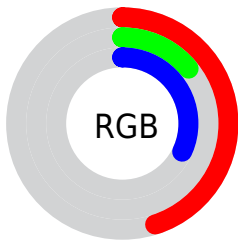
Format	Color
R_{YB}	115, 36, 81
Decimal	7545937
CIE Lab	28.12, 39.34, -8.96
CIE LCh	28, 40.345, 347.173
Yxy	5.5028, 0.3986, 0.2386
Android (android.graphics.Color)	4285736017 (0xFF732451)
YUV	64.7510, 8.0108, 44.0684
Hunter-Lab	23.4580, 28.9048, -4.7268

Details

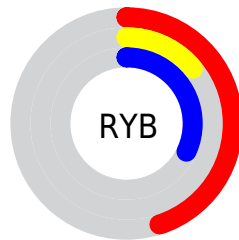
The YIQ color **64.7510, 32.6390, 30.7430** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **86.2490, -32.6390, -30.7430**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.7190, 35.6650, 30.9690**, and **22.9410, 25.9920, 24.5520** is the 20% darker color. If you saturate the color by 10%, you get **57.1370, 37.5440, 35.4640**, and if you desaturate by 10%, it is **71.7780, 28.0090, 26.5450**.

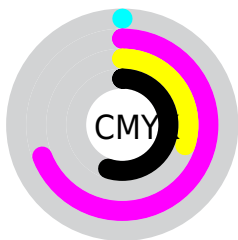
Distribution



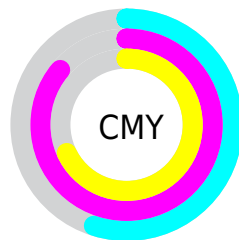
- Red (45%)
- Green (14%)
- Blue (32%)



- Red (45%)
- Yellow (14%)
- Blue (32%)



- Cyan (0%)
- Magenta (69%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7510, 32.6390, 30.7430 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 64.7510, 32.6390, 30.7430 by changing the saturation by 10% instead.

64.7510, 32.6390,
30.7430

64.7510, 32.6390,
30.7430

255.0000, -0.0000,
-0.0000

36.7450, 32.7760,
33.7680

116.7190, 35.6650,
30.9690

22.9410, 25.9920,
24.5520

142.7300, 37.1320,
31.9160

14.2680, 20.2170,
13.5690

170.3280, 38.3240,
32.3400

0.0000, 0.0000,
0.0000

197.7410, 38.5990,
32.8630

217.3690, 21.9110,
26.9270

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

64.7510, 32.6390,
30.7430

64.7510, 32.6390,
30.7430

57.1370, 37.5440,
35.4640

71.7780, 28.0090,
26.5450

50.1100, 42.1740,
39.6620

79.3920, 23.1040,
21.8240

42.4960, 47.0790,
44.3830

86.4190, 18.4740,
17.6260

41.9090, 47.3540,
44.9060

94.0330, 13.5690,
12.9050

101.0600, 8.9390,
8.7070

■ 108.6740, 4.0340,
3.9860

■ 116.2880, -0.8710,
-0.7350

■ 123.3150, -5.5010,
-4.9330

■ 130.9290,
-10.4060, -9.6540

Harmonies

Analogous

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



68.0990, 5.1760, 27.3520



64.7510, 32.6390, 30.7430



62.4240, 46.4410, 22.8970

Triad

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



64.7510, 32.6390, 30.7430



60.2260, 18.8940, -23.0420



59.0270, -57.3560, -6.7960

Complementary

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



64.7510, 32.6390, 30.7430



86.2490, -32.6390, -30.7430

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.



57.1230, -49.2390, -16.2390



64.7510, 32.6390, 30.7430



54.9540, -12.6950, -28.7510

Square

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



64.7510, 32.6390, 30.7430



62.7280, 38.3320, -11.8760



52.8880, -38.6920, -25.6680



57.9160, -61.1170, 0.7950

Rectangle

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



64.7510, 32.6390, 30.7430



63.0570, 48.5520, 12.1680



52.8880, -38.6920, -25.6680



58.7020, -55.0630, -9.8070

Sweetspot

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



64.7510, 32.6390, 30.7430



130.3210, 12.6980, 12.1700



54.8730, -5.6910, 31.5650



64.2340, 8.3890, 7.6610



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.



64.7510, 32.6390, 30.7430



71.7570, 50.8380, 47.8460



60.4190, 44.8370, 18.9250



55.1360, 2.6130, 2.2050



44.4580, 50.2420, 47.6340



90.9380, 103.4180, 97.1620

Inverse Universe

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



64.7510, 32.6390, 30.7430



71.7570, 50.8380, 47.8460



90.5810, -44.8370, -18.9250



55.1360, 2.6130, 2.2050



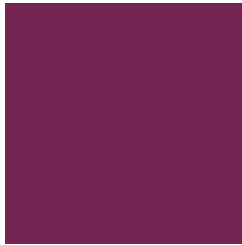
44.4580, 50.2420, 47.6340



90.9380, 103.4180, 97.1620

Previews

White Background



This preview shows how the YIQ color 64.7510, 32.6390, 30.7430 looks on a white background.

Color Contrast Check

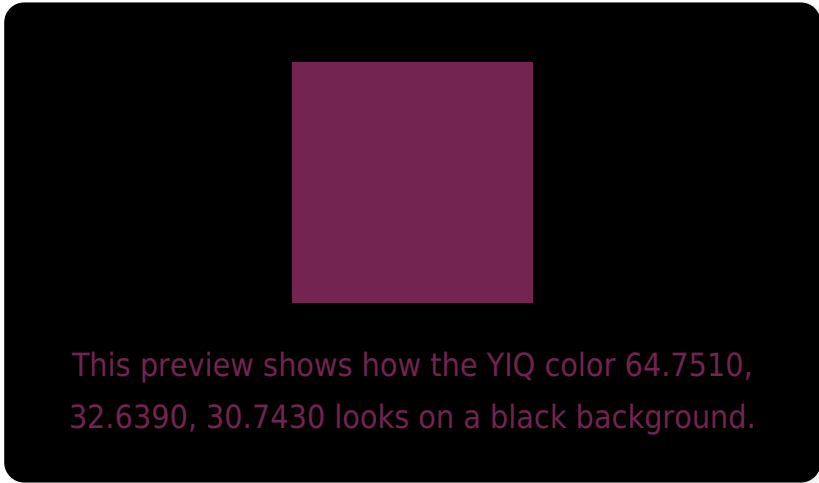
Large Text (above 18pt) WCAG AA ✓ Pass

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

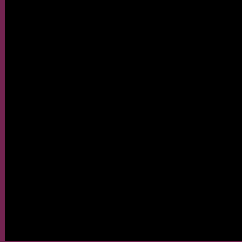
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.7510, 32.6390, 30.7430

Background



This preview shows how black text looks on a background with the YIQ color 64.7510, 32.6390, 30.7430.



This preview shows how white text looks on a background with the YIQ color 64.7510, 32.6390,

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

64.7510, 32.6390, 30.7430

Protanopia

66.9290, -18.4330, 9.1750

Deuteranopia

68.4500, -1.1470, 4.2690



Tritanopia

65.3750, 38.9690, 15.1370

Trichromacy



Original Color

64.7510, 32.6390, 30.7430

Protanomaly

66.1380, 0.2720, 17.1040

Deuteranomaly

66.8910, 11.0930, 13.7250

Tritanomaly

65.2810, 36.5380, 20.6500

Monochromacy



Original Color

64.7510, 32.6390, 30.7430

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.6090, 11.8270, 11.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7510, 32.6390, 30.7430 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, 36, 81)` looks like.

```
.text, #text, p{  
    color:rgb(115, 36, 81)  
}
```

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, 36, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 36, 81) }
```

Border

The CSS property to change the border of an element to YIQ 64.7510, 32.6390, 30.7430 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, 36, 81) }
```


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

```
.border{ border-color:rgb(115, 36, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 36, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 36, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 36, 81);  
box-shadow:4px 4px 4px 4px rgb(115, 36,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 64.7510, 32.6390, 30.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 36, 81) }
```

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

```
.background{ background-color: rgb(115, 36,  
81) }
```

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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