

Converting Colors

YIQ(73.6330, 65.1460, 30.8260)

Have a look what the booklet for
YIQ(73.6330, 65.1460, 30.8260)
contains.

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Color

**YIQ(73.6330, 65.1460,
30.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2436
RGB	155, 36, 54
RGB Percent	61%, 14%, 21%
CMY	0.3919, 0.8590, 0.7880
CMYK	0.00, 0.77, 0.65, 0.39
HSL	351°, 62%, 37%
HSV	351°, 77%, 61%
XYZ	14.8287, 8.5016, 4.3571
YIQ	73.6330, 65.1460, 30.8260

Conversions

Conversions Part 2

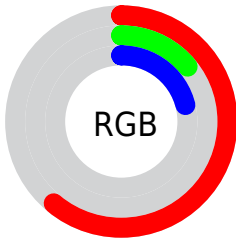
Format	Color
RYB	155, 36, 54
Decimal	10167350
CIELab	35.01, 49.31, 19.53
CIElCh	35, 53.041, 21.609
Yxy	8.5016, 0.5356, 0.3071
Android (android.graphics.Color)	4288357430 (0xFF9B2436)
YUV	73.6330, -9.6791, 71.3589
Hunter-Lab	29.1576, 39.7539, 11.5504

Details

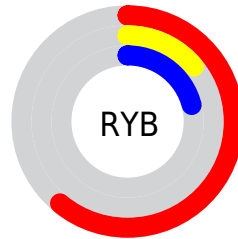
The YIQ color **73.6330, 65.1460, 30.8260** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **117.3670, -65.1460, -30.8260**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1020, 71.0150, 29.0870**, and **30.2570, 54.2810, 23.9850** is the 20% darker color. If you saturate the color by 10%, you get **62.7590, 73.7190, 35.1510**, and if you desaturate by 10%, it is **83.9200, 56.8480, 27.0240**.

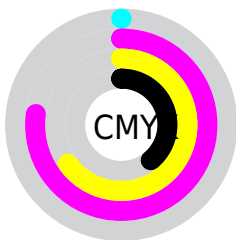
Distribution



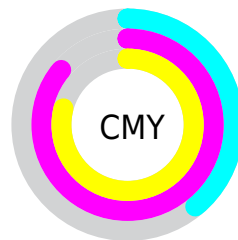
- Red (61%)
- Green (14%)
- Blue (21%)



- Red (61%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (65%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6330, 65.1460, 30.8260 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 73.6330, 65.1460, 30.8260 by changing the saturation by 10% instead.

73.6330, 65.1460,
30.8260

73.6330, 65.1460,
30.8260

255.0000, -0.0000,
-0.0000

41.4360, 64.5030,
36.9750

129.2160, 70.6940,
29.3980

30.2570, 54.2810,
23.9850

157.0700, 74.0410,
29.3130

20.6310, 41.1240,
14.6280

179.1610, 63.3590,
24.6630

12.3730, 24.1150,
9.0030

198.0880, 47.2670,
18.9390

0.0000, 0.0000,
0.0000

218.1890, 30.6250,
12.1690

238.5180, 13.3410,

■ 73.6330, 65.1460,
30.8260

■ 73.6330, 65.1460,
30.8260

■ 62.7590, 73.7190,
35.1510

■ 83.9200, 56.8480,
27.0240

■ 52.4720, 82.0170,
38.9530

■ 94.7940, 48.2750,
22.6990

■ 49.0810, 84.6760,
40.3240

■ 105.1950, 39.6560,
19.2080

■ 116.0690, 31.0830,
14.8830

■ 126.3560, 22.7850,
11.0810

■ 137.2300, 14.2120,
6.7560

■ 148.1040, 5.6390,
2.4310

■ 158.3910, -2.6590,
-1.3710

■ 169.2650,
-11.2320, -5.6960

Harmonies

Analogous

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



76.0510, 49.8300, 44.0860



73.6330, 65.1460, 30.8260



76.6870, 63.9130, 3.6010

Triad

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



73.6330, 65.1460, 30.8260



59.6750, -34.3790, -43.2670



72.4550, -78.6320, 4.3440

Complementary

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



73.6330, 65.1460, 30.8260



117.3670, -65.1460, -30.8260

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.



74.9850, -74.7330, -5.7490



73.6330, 65.1460, 30.8260



66.5660, -49.6490, -30.8410

Square

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



73.6330, 65.1460, 30.8260



73.4720, 17.8410, -31.4950



72.0550, -63.7270, -17.9910



78.0300, -43.1020, 21.2340

Rectangle

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



73.6330, 65.1460, 30.8260



77.8560, 52.5910, -11.4810



72.0550, -63.7270, -17.9910



73.7600, -78.1730, 1.5310

Sweetspot

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



73.6330, 65.1460, 30.8260



169.5520, 25.1690, 11.9290



79.1670, 20.8050, 57.9970



82.2410, 15.6790, 7.7030



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



73.6330, 65.1460, 30.8260



74.5070, 101.2720, 47.9280



95.0610, 59.9240, 4.3080



71.5060, 4.4470, 2.0070



44.2540, 76.6990, 36.2110



4.1150, 7.1060, 3.3780

Inverse Universe

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



73.6330, 65.1460, 30.8260



74.5070, 101.2720, 47.9280



95.9390, -59.9240, -4.3080



71.5060, 4.4470, 2.0070



44.2540, 76.6990, 36.2110



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 73.6330, 65.1460, 30.8260 looks on a white background.

Color Contrast Check

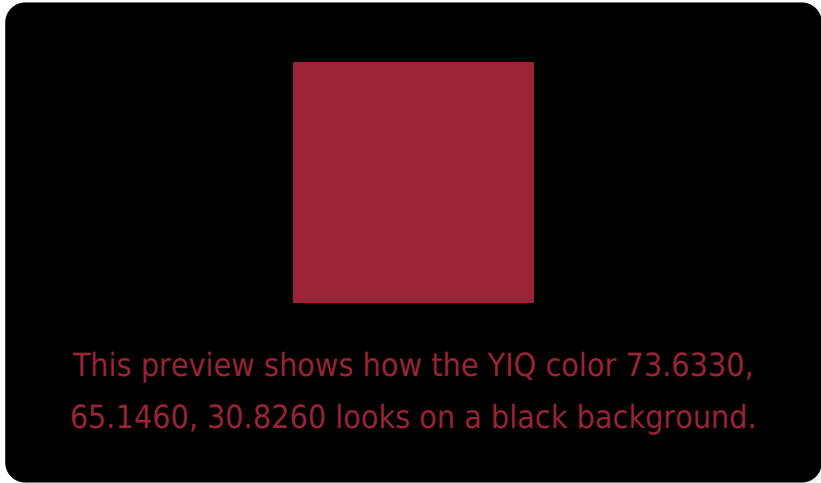
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.6330, 65.1460, 30.8260

Background



This preview shows how black text looks on a background with the YIQ color 73.6330, 65.1460, 30.8260.



This preview shows how white text looks on a background with the YIQ color 73.6330, 65.1460,

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

73.6330, 65.1460, 30.8260

Protanopia

83.3550, 6.1900, -2.0500

Deuteranopia

82.9300, 23.3840, -5.2880



Tritanopia

73.7980, 68.8150, 24.9030

Trichromacy



Original Color

73.6330, 65.1460, 30.8260

Protanomaly

79.7540, 27.4160, 9.7520

Deuteranomaly

79.4470, 38.4660, 7.7300

Tritanomaly

73.7810, 67.4850, 26.9810

Monochromacy



Original Color

73.6330, 65.1460, 30.8260

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.6550, 23.3810, 11.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6330, 65.1460, 30.8260 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(155, 36, 54)` looks like.

```
.text, #text, p{  
    color:rgb(155, 36, 54)  
}
```

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(155, 36, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 36, 54) }
```

Border

The CSS property to change the border of an element to YIQ 73.6330, 65.1460, 30.8260 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(155, 36, 54) }
```


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

```
.border{ border-color:rgb(155, 36, 54) }
```

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

Here you see how a box with a 4 pixel rgb(155, 36, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 36, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 36, 54);  
box-shadow:4px 4px 4px 4px rgb(155, 36,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 73.6330, 65.1460, 30.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 36, 54) }
```

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

```
.background{ background-color: rgb(155, 36,  
54) }
```

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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