

Converting Colors

YIQ(65.1670, 36.8590, 20.3390)

Have a look what the booklet for
YIQ(65.1670, 36.8590, 20.3390)
contains.

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Color

**YIQ(65.1670, 36.8590,
20.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	712A3B
RGB	113, 42, 59
RGB Percent	44%, 16%, 23%
CMY	0.5567, 0.8354, 0.7685
CMYK	0.00, 0.63, 0.48, 0.56
HSL	346°, 46%, 30%
HSV	346°, 63%, 44%
XYZ	8.4331, 5.4837, 4.7563
YIQ	65.1670, 36.8590, 20.3390

Conversions

Conversions Part 2

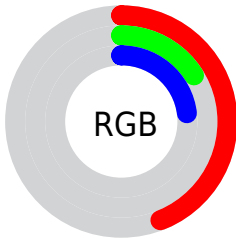
Format	Color
R_{YB}	113, 42, 59
Decimal	7416379
CIE _{Lab}	28.07, 33.05, 5.55
CIE _{LCh}	28, 33.511, 9.528
Yxy	5.4837, 0.4516, 0.2937
Android (android.graphics.Color)	4285606459 (0xFF712A3B)
YUV	65.1670, -3.0403, 41.9495
Hunter-Lab	23.4173, 23.3022, 4.3497

Details

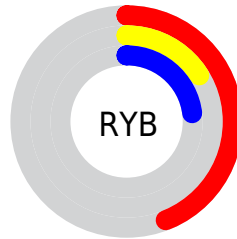
The YIQ color **65.1670, 36.8590, 20.3390** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.8330, -36.8590, -20.3390**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.7330, 41.0770, 20.9890**, and **20.1770, 30.8990, 18.2190** is the 20% darker color. If you saturate the color by 10%, you get **57.6840, 42.7730, 23.2930**, and if you desaturate by 10%, it is **72.6500, 30.9450, 17.3850**.

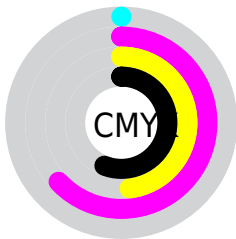
Distribution



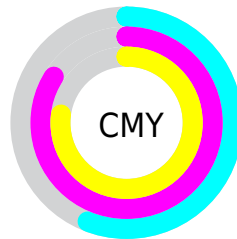
- Red (44%)
- Green (16%)
- Blue (23%)



- Red (44%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (63%)
- Yellow (48%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.1670, 36.8590, 20.3390 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 65.1670, 36.8590, 20.3390 by changing the saturation by 10% instead.

65.1670, 36.8590,
20.3390

65.1670, 36.8590,
20.3390

255.0000, -0.0000,
-0.0000

40.3240, 34.9790,
21.3710

115.7330, 41.0770,
20.9890

20.1770, 30.8990,
18.2190

142.2170, 42.5900,
21.1020

11.4760, 22.3270,
8.3670

169.1140, 44.3780,
21.7380

0.0000, 0.0000,
0.0000

197.0110, 46.1660,
22.3740

216.0520, 29.7530,
16.9610

236.2670, 12.7900,

10.5020

■ 65.1670, 36.8590,
20.3390

■ 65.1670, 36.8590,
20.3390

■ 57.6840, 42.7730,
23.2930

■ 72.6500, 30.9450,
17.3850

■ 49.7280, 48.6410,
27.0810

■ 80.6060, 25.0770,
13.5970

■ 42.2450, 54.5550,
30.0350

■ 88.0890, 19.1630,
10.6430

■ 36.8650, 58.6810,
32.3530

■ 95.4580, 13.5700,
7.3780

■ 102.9410, 7.6560,
4.4240

■ 111.0110, 1.4670,
0.9470

■ 118.3800, -4.1260,
-2.3180

■ 125.8630,
-10.0400, -5.2720

■ 133.8190,
-15.9080, -9.0600

Harmonies

Analogous

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



67.2010, 22.3240, 24.9480



65.1670, 36.8590, 20.3390



64.7570, 40.5290, 8.8890

Triad

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



65.1670, 36.8590, 20.3390



59.3300, -1.8300, -21.9100



56.4340, -56.9440, -3.2480

Complementary

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



65.1670, 36.8590, 20.3390



89.8330, -36.8590, -20.3390

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.



56.9580, -52.9080, -10.3160



65.1670, 36.8590, 20.3390



50.5570, -36.2620, -25.6540

Square

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



65.1670, 36.8590, 20.3390



62.4700, 21.3230, -17.5010



54.8090, -45.4790, -18.3030



60.4520, -39.0190, 7.8050

Rectangle

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



65.1670, 36.8590, 20.3390



64.5790, 37.7340, -1.0340



54.8090, -45.4790, -18.3030



56.5650, -55.9350, -5.0150

Sweetspot

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



65.1670, 36.8590, 20.3390



129.1700, 14.4410, 8.1130



65.9410, 8.7970, 33.3170



62.5390, 8.8480, 4.8480



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



65.1670, 36.8590, 20.3390



73.2670, 57.4890, 31.9290



73.7950, 37.3660, 5.6380



52.0220, 2.9340, 1.8940



39.1860, 62.2110, 34.4590



80.5790, 128.2730, 70.7130

Inverse Universe

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



65.1670, 36.8590, 20.3390



73.2670, 57.4890, 31.9290



81.2050, -37.3660, -5.6380



52.0220, 2.9340, 1.8940



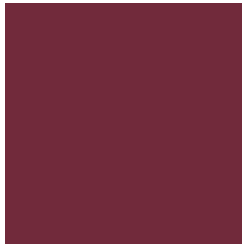
39.1860, 62.2110, 34.4590



80.5790, 128.2730, 70.7130

Previews

White Background



This preview shows how the YIQ color 65.1670, 36.8590, 20.3390 looks on a white background.

Color Contrast Check

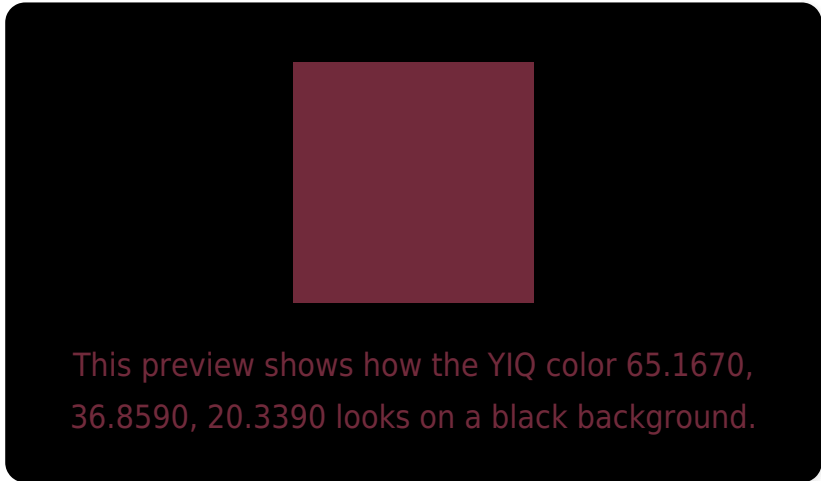
Large Text (above 18pt) WCAG AA ✓ Pass

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

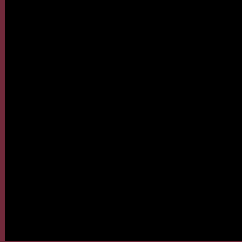
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.1670, 36.8590, 20.3390

Background



This preview shows how black text looks on a background with the YIQ color 65.1670, 36.8590, 20.3390.



This preview shows how white text looks on a background with the YIQ color 65.1670, 36.8590,

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

65.1670, 36.8590, 20.3390

Protanopia

67.5700, -1.6050, 1.5550

Deuteranopia

67.8610, 10.6370, -0.0430



Tritanopia

64.6740, 39.5650, 15.3490

Trichromacy



Original Color

65.1670, 36.8590, 20.3390

Protanomaly

66.8000, 12.6070, 8.3110

Deuteranomaly

67.1660, 20.2640, 7.2080

Tritanomaly

64.5430, 38.5560, 17.1160

Monochromacy



Original Color

65.1670, 36.8590, 20.3390

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.1590, 12.9740, 7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.1670, 36.8590, 20.3390 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(113, 42, 59)` looks like.

```
.text, #text, p{  
    color:rgb(113, 42, 59)  
}
```

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(113, 42, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 42, 59) }
```

Border

The CSS property to change the border of an element to YIQ 65.1670, 36.8590, 20.3390 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(113, 42, 59) }
```


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

```
.border{ border-color:rgb(113, 42, 59) }
```

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

Here you see how a box with a 4 pixel rgb(113, 42, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 42, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 42, 59);  
box-shadow:4px 4px 4px 4px rgb(113, 42,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 65.1670, 36.8590, 20.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 42, 59) }
```

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

```
.background{ background-color: rgb(113, 42,  
59) }
```

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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