

Converting Colors

YIQ(87.0040, 65.2390, 23.6310)

Have a look what the booklet for
YIQ(87.0040, 65.2390, 23.6310)
contains.

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Color

**YIQ(87.0040, 65.2390,
23.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	A43637
RGB	164, 54, 55
RGB Percent	64%, 21%, 22%
CMY	0.3566, 0.7884, 0.7841
CMYK	0.00, 0.67, 0.66, 0.36
HSL	359°, 51%, 43%
HSV	359°, 67%, 64%
XYZ	17.3318, 10.8101, 4.7958
YIQ	87.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

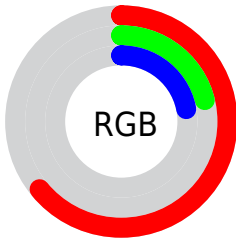
Format	Color
RYB	164, 54, 55
Decimal	10761783
CIELab	39.26, 45.35, 24.64
CIELCh	39, 51.612, 28.519
Yxy	10.8101, 0.5262, 0.3282
Android (android.graphics.Color)	4288951863 (0xFFA43637)
YUV	87.0040, -15.7780, 67.5255
Hunter-Lab	32.8788, 36.5573, 14.3669

Details

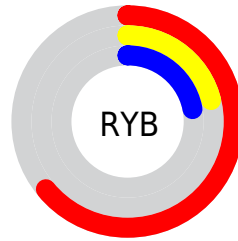
The YIQ color **87.0040, 65.2390, 23.6310** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.9960, -65.2390, -23.6310**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.4130, 71.3370, 23.2490**, and **33.0620, 59.3240, 26.2040** is the 20% darker color. If you saturate the color by 10%, you get **75.7880, 74.7750, 27.0230**, and if you desaturate by 10%, it is **98.2200, 55.7030, 20.2390**.

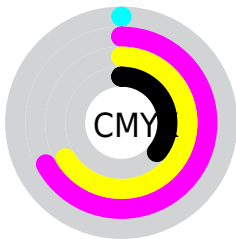
Distribution



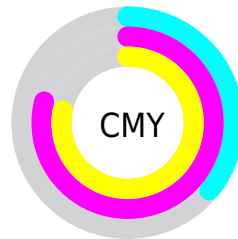
- Red (64%)
- Green (21%)
- Blue (22%)



- Red (64%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.0040, 65.2390, 23.6310 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 87.0040, 65.2390, 23.6310 by changing the saturation by 10% instead.

■ 87.0040, 65.2390,
23.6310

■ 87.0040, 65.2390,
23.6310

255.0000, -0.0000,
-0.0000

■ 58.9160, 62.6710,
26.1190

■ 141.4130, 71.3370,
23.2490

■ 33.1760, 59.0030,
26.5150

■ 169.3810, 74.3630,
23.4750

■ 23.0230, 45.8920,
16.3240

■ 188.1940, 58.5920,
17.4400

■ 15.7760, 30.3500,
11.6460

■ 207.7080, 42.2250,
11.1930

■ 0.0000, 0.0000,
0.0000

■ 227.2220, 25.8580,
4.9460

■ 247.5510, 8.5740,

-1.2020

■ 87.0040, 65.2390,
23.6310

■ 87.0040, 65.2390,
23.6310

■ 75.7880, 74.7750,
27.0230

■ 98.2200, 55.7030,
20.2390

■ 63.9850, 84.5860,
30.9380

■ 110.1370, 45.5710,
16.6350

■ 52.6550, 94.4430,
34.0190

■ 121.3530, 36.0350,
13.2430

■ 49.2640, 97.1020,
35.3900

■ 133.1560, 26.2240,
9.3280

■ 144.3720, 16.6880,
5.9360

■ 155.7020, 6.8310,
2.8550

■ 167.5050, -2.9800,
-1.0600

■ 178.7210,
-12.5160, -4.4520

■ 190.5240,
-22.3270, -8.3670

Harmonies

Analogous

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



87.5690, 54.0030, 40.0430



87.0040, 65.2390, 23.6310



88.0300, 61.2090, -2.4630

Triad

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



87.0040, 65.2390, 23.6310



68.6400, -44.4660, -42.1780



77.7040, -83.7670, 3.7930

Complementary

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



87.0040, 65.2390, 23.6310



130.9960, -65.2390, -23.6310

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.



82.0920, -82.3440, -5.4800



87.0040, 65.2390, 23.6310



75.3030, -59.0940, -30.3740

Square

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



87.0040, 65.2390, 23.6310



81.4020, 14.8620, -38.0820



80.2050, -72.8970, -17.0010



92.8860, -24.9010, 27.2830

Rectangle

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



87.0040, 65.2390, 23.6310



87.2700, 51.1250, -17.9550



80.2050, -72.8970, -17.0010



79.8240, -84.2250, 1.0790

Sweetspot

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



87.0040, 65.2390, 23.6310



183.9710, 25.3070, 9.4270



98.8320, 29.0580, 57.1060



88.8880, 15.1750, 5.8230



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



87.0040, 65.2390, 23.6310



92.8410, 102.7870, 36.9870



118.0010, 50.9850, -4.3990



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Inverse Universe

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



87.0040, 65.2390, 23.6310



92.8410, 102.7870, 36.9870



99.9990, -50.9850, 4.3990



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 87.0040, 65.2390, 23.6310 looks on a white background.

Color Contrast Check

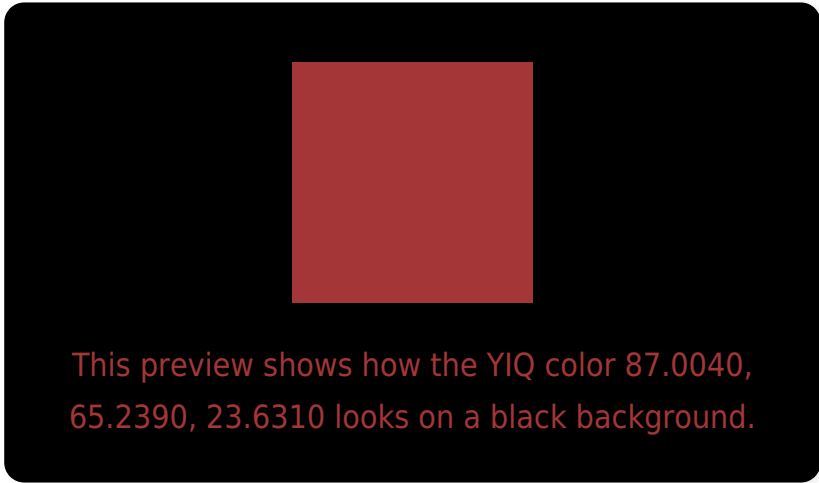
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

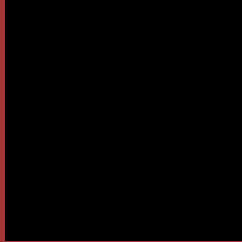
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.0040, 65.2390, 23.6310

Background



This preview shows how black text looks on a background with the YIQ color 87.0040, 65.2390, 23.6310.



This preview shows how white text looks on a background with the YIQ color 87.0040, 65.2390,

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

87.0040, 65.2390, 23.6310

Protanopia

92.4710, 11.5550, -5.6690

Deuteranopia

92.2140, 28.3360, -6.9280



Tritanopia

87.2320, 64.5970, 24.2530

Trichromacy



Original Color

87.0040, 65.2390, 23.6310

Protanomaly

90.5600, 30.7180, 4.9740

Deuteranomaly

90.1930, 41.9970, 4.3090

Tritanomaly

87.1180, 64.9180, 23.9420

Monochromacy



Original Color

87.0040, 65.2390, 23.6310

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9600, 23.8400, 8.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.0040, 65.2390, 23.6310 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(164, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(164, 54, 55)  
}
```

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(164, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 54, 55) }
```

Border

The CSS property to change the border of an element to YIQ 87.0040, 65.2390, 23.6310 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(164, 54, 55) }
```


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

```
.border{ border-color:rgb(164, 54, 55) }
```

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

Here you see how a box with a 4 pixel rgb(164, 54, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(164, 54,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 87.0040, 65.2390, 23.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 54, 55) }
```

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

```
.background{ background-color: rgb(164, 54,  
55) }
```

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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