

Converting Colors

YIQ(87.0260, 32.6420, 14.1620)

Have a look what the booklet for
YIQ(87.0260, 32.6420, 14.1620)
contains.

YIQ(87.0260, 32.6420, 14.1620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(87.0260, 32.6420,
14.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	7F454B
RGB	127, 69, 75
RGB Percent	50%, 27%, 29%
CMY	0.5018, 0.7295, 0.7058
CMYK	0.00, 0.46, 0.41, 0.50
HSL	354°, 30%, 38%
HSV	354°, 46%, 50%
XYZ	12.1555, 9.2765, 7.8122
YIQ	87.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

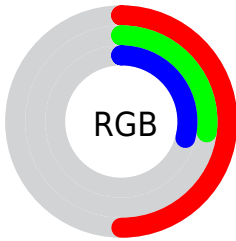
Format	Color
R_{YB}	127, 69, 75
Decimal	8340811
CIE _{Lab}	36.51, 25.57, 7.43
CIE _{LCh}	37, 26.628, 16.203
Yxy	9.2765, 0.4157, 0.3172
Android (android.graphics.Color)	4286530891 (0xFF7F454B)
YUV	87.0260, -5.9288, 35.0572
Hunter-Lab	30.4573, 17.9389, 6.1124

Details

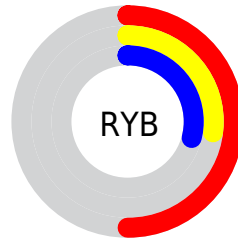
The YIQ color **87.0260, 32.6420, 14.1620** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **108.9740, -32.6420, -14.1620**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.8200, 36.2180, 15.4340**, and **39.4600, 28.4240, 13.5120** is the 20% darker color. If you saturate the color by 10%, you get **78.1410, 39.7480, 17.5400**, and if you desaturate by 10%, it is **95.9110, 25.5360, 10.7840**.

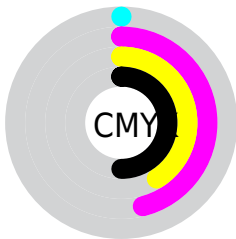
Distribution



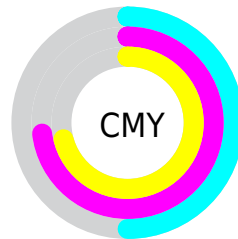
- Red (50%)
- Green (27%)
- Blue (29%)



- Red (50%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.0260, 32.6420, 14.1620 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 87.0260, 32.6420, 14.1620 by changing the saturation by 10% instead.

87.0260, 32.6420,
14.1620

87.0260, 32.6420,
14.1620

255.0000, -0.0000,
-0.0000

63.1290, 30.8540,
13.5260

137.8200, 36.2180,
15.4340

39.4600, 28.4240,
13.5120

164.3040, 37.7310,
15.5470

16.0470, 28.1490,
12.9890

191.9020, 38.9230,
15.9710

6.8770, 13.7080,
4.8760

216.3140, 31.7710,
13.4270

0.0000, 0.0000,
0.0000

235.9420, 15.0830,
7.4910

87.0260, 32.6420,
14.1620

87.0260, 32.6420,
14.1620

78.1410, 39.7480,
17.5400

95.9110, 25.5360,
10.7840

69.7290, 46.9000,
20.0840

104.3230, 18.3840,
8.2400

60.8440, 54.0060,
23.4620

113.2080, 11.2780,
4.8620

51.9590, 61.1120,
26.8400

122.2070, 3.8510,
1.7950

42.9600, 68.5390,
29.9070

130.5050, -2.9800,
-1.0600

39.4550, 71.5190,
30.9670

139.3900,
-10.0860, -4.4380

148.3890,
-17.5130, -7.5050

157.2740,

-24.6190, -10.8830

■ 165.5720,
-31.4500, -13.7380

Harmonies

Analogous

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



88.3270, 21.7290, 19.2090



87.0260, 32.6420, 14.1620



86.3000, 34.3860, 4.5780

Triad

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



87.0260, 32.6420, 14.1620



79.9970, -5.0860, -17.9660



76.8650, -47.9120, -1.7360

Complementary

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



87.0260, 32.6420, 14.1620



108.9740, -32.6420, -14.1620

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.



68.9890, -63.3610, -13.6090



87.0260, 32.6420, 14.1620



74.7690, -30.8070, -19.8870

Square

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



87.0260, 32.6420, 14.1620



82.9840, 14.1240, -13.6840



67.9970, -57.8120, -20.5640



85.6130, -20.3590, 11.0410

Rectangle

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



87.0260, 32.6420, 14.1620



85.5180, 30.5360, -2.7440



67.9970, -57.8120, -20.5640



70.3360, -62.7200, -8.7040

Sweetspot

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



87.0260, 32.6420, 14.1620



150.1050, 13.0660, 5.4980



90.8610, 11.7780, 28.8500



74.3000, 8.0230, 3.2790



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



87.0260, 32.6420, 14.1620



103.2350, 51.3470, 22.0910



99.2560, 28.5180, 0.7900



59.2070, 3.8510, 1.7950



39.7540, 72.1150, 31.1790



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.0260, 32.6420, 14.1620



103.2350, 51.3470, 22.0910



96.7440, -28.5180, -0.7900



59.2070, 3.8510, 1.7950



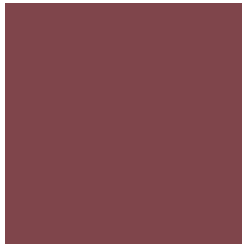
39.7540, 72.1150, 31.1790



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 87.0260, 32.6420, 14.1620 looks on a white background.

Color Contrast Check

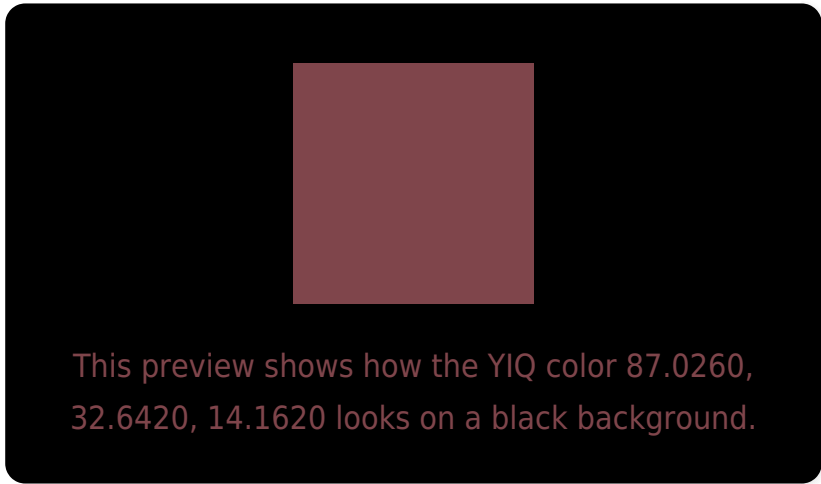
Large Text (above 18pt) WCAG AA ✓ Pass

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

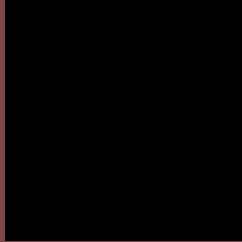
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.0260, 32.6420, 14.1620

Background



This preview shows how black text looks on a background with the YIQ color 87.0260, 32.6420, 14.1620.

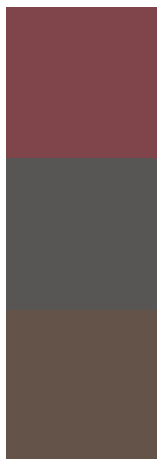


This preview shows how white text looks on a background with the YIQ color 87.0260, 32.6420,

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

87.0260, 32.6420, 14.1620

Protanopia

86.3700, 1.8340, -0.1980

Deuteranopia

86.9430, 13.3420, 0.4940



Tritanopia

86.9120, 32.9630, 13.8510

Trichromacy



Original Color

87.0260, 32.6420, 14.1620

Protanomaly

86.6920, 12.7910, 4.9750

Deuteranomaly

87.1120, 20.3560, 5.5400

Tritanomaly

86.9120, 32.9630, 13.8510

Monochromacy



Original Color

87.0260, 32.6420, 14.1620

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9200, 12.1490, 5.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.0260, 32.6420, 14.1620 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(127, 69, 75)` looks like.

```
.text, #text, p{  
    color:rgb(127, 69, 75)  
}
```

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(127, 69, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 69, 75) }
```

Border

The CSS property to change the border of an element to YIQ 87.0260, 32.6420, 14.1620 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(127, 69, 75) }
```


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

```
.border{ border-color:rgb(127, 69, 75) }
```

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

Here you see how a box with a 4 pixel rgb(127, 69, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 69, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 69, 75);  
box-shadow:4px 4px 4px 4px rgb(127, 69,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 87.0260, 32.6420, 14.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 69, 75) }
```

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

```
.background{ background-color: rgb(127, 69,  
75) }
```

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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