

Converting Colors

YIQ(87.5280, 42.9120, 15.2640)

Have a look what the booklet for
YIQ(87.5280, 42.9120, 15.2640)
contains.

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Color

**YIQ(87.5280, 42.9120,
15.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4242
RGB	138, 66, 66
RGB Percent	54%, 26%, 26%
CMY	0.4587, 0.7413, 0.7410
CMYK	0.00, 0.52, 0.52, 0.46
HSL	360°, 35%, 40%
HSV	360°, 52%, 54%
XYZ	13.4196, 9.6938, 6.3248
YIQ	87.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

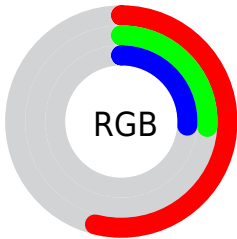
Format	Color
R _Y B	138, 66, 66
Decimal	9060930
CIE Lab	37.29, 30.67, 14.42
CIE LCh	37, 33.891, 25.177
Yxy	9.6938, 0.4559, 0.3293
Android (android.graphics.Color)	4287251010 (0xFF8A4242)
YUV	87.5280, -10.6133, 44.2639
Hunter-Lab	31.1348, 22.4503, 9.7501

Details

The YIQ color **87.5280, 42.9120, 15.2640** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **116.4720, -42.9120, -15.2640**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0940, 47.1300, 15.9140**, and **38.3040, 37.7310, 15.5470** is the 20% darker color. If you saturate the color by 10%, you get **77.7140, 51.2560, 18.2320**, and if you desaturate by 10%, it is **97.3420, 34.5680, 12.2960**.

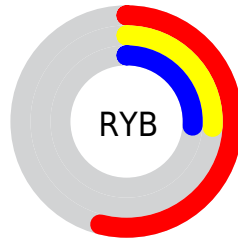
Distribution



Red (54%)

Green (26%)

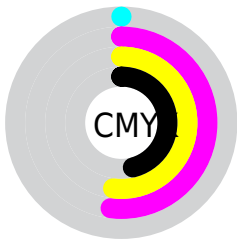
Blue (26%)



Red (54%)

Yellow (26%)

Blue (26%)

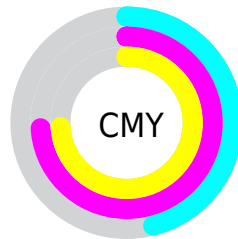


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (46%)



Cyan (46%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.5280, 42.9120, 15.2640 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 87.5280, 42.9120, 15.2640 by changing the saturation by 10% instead.

■ 87.5280, 42.9120,
15.2640

■ 87.5280, 42.9120,
15.2640

■ 255.0000, -0.0000,
-0.0000

■ 62.8590, 40.4820,
15.2500

■ 139.3930, 47.7260,
16.1260

■ 38.3040, 37.7310,
15.5470

■ 166.1760, 49.8350,
16.4510

■ 17.6410, 35.1640,
12.5080

■ 193.7740, 51.0270,
16.8750

■ 9.9810, 19.3470,
7.3070

■ 213.2990, 36.1270,
11.5750

■ 0.0000, 0.0000,
0.0000

■ 233.5140, 19.1640,
5.1160

■ 253.7290, 2.2010,

-1.3430

■ 87.5280, 42.9120,
15.2640

■ 87.5280, 42.9120,
15.2640

■ 77.7140, 51.2560,
18.2320

■ 97.3420, 34.5680,
12.2960

■ 67.9000, 59.6000,
21.2000

■ 107.1560, 26.2240,
9.3280

■ 58.7870, 67.3480,
23.9560

■ 116.2690, 18.4760,
6.5720

■ 48.9730, 75.6920,
26.9240

■ 126.0830, 10.1320,
3.6040

■ 41.2620, 82.2480,
29.2560

■ 135.8970, 1.7880,
0.6360

■ 145.7110, -6.5560,
-2.3320

■ 155.5250,
-14.9000, -5.3000

■ 164.6380,
-22.6480, -8.0560

■ 174.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



88.5350, 33.0070, 24.0710



87.5280, 42.9120, 15.2640



86.9000, 41.2640, 1.0720

Triad

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



87.5280, 42.9120, 15.2640



77.5500, -17.1890, -24.3970



74.0790, -63.1340, -1.1980

Complementary

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



87.5280, 42.9120, 15.2640



116.4720, -42.9120, -15.2640

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.



72.5740, -69.3220, -10.2020



87.5280, 42.9120, 15.2640



68.6350, -54.0970, -27.3210

Square

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



87.5280, 42.9120, 15.2640



82.6150, 10.5490, -20.4830



71.8270, -63.0850, -18.6130



88.2700, -17.6550, 17.1050

Rectangle

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



87.5280, 42.9120, 15.2640



85.8080, 35.3510, -7.4090



71.8270, -63.0850, -18.6130



71.7250, -71.0650, -6.1450

Sweetspot

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



87.5280, 42.9120, 15.2640



158.6710, 17.2840, 6.1480



95.4370, 19.2040, 37.4440



77.0830, 10.1320, 3.6040



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



87.5280, 42.9120, 15.2640



99.7870, 67.3480, 23.9560



108.0730, 33.2870, -3.0410



64.0930, 4.1720, 1.4840



39.7670, 79.2680, 28.1960



1.4950, 2.9800, 1.0600

Inverse Universe

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



87.5280, 42.9120, 15.2640



99.7870, 67.3480, 23.9560



95.9270, -33.2870, 3.0410



64.0930, 4.1720, 1.4840



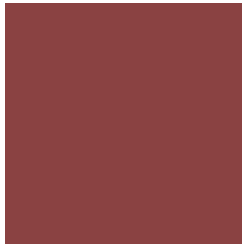
39.7670, 79.2680, 28.1960



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 87.5280, 42.9120, 15.2640 looks on a white background.

Color Contrast Check

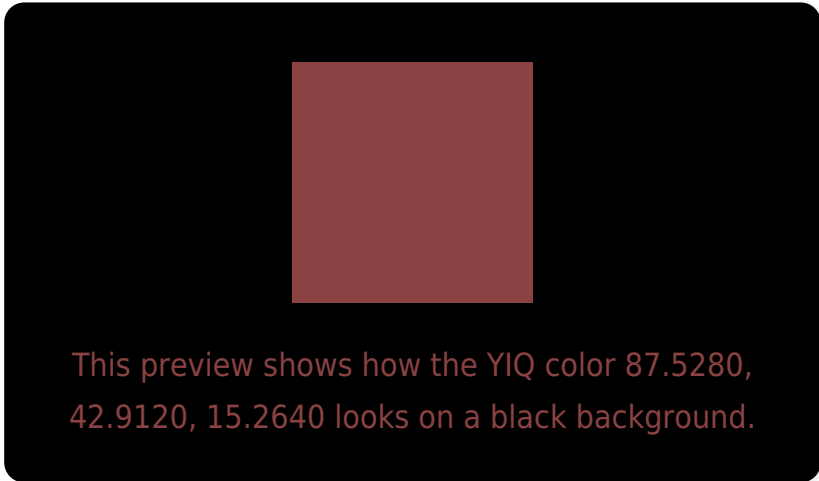
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.5280, 42.9120, 15.2640

Background



This preview shows how black text looks on a background with the YIQ color 87.5280, 42.9120, 15.2640.



This preview shows how white text looks on a background with the YIQ color 87.5280, 42.9120,

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

87.5280, 42.9120, 15.2640

Protanopia

88.1270, 6.8320, -2.6720

Deuteranopia

88.4720, 18.9820, -2.6020



Tritanopia

87.3970, 41.9030, 17.0310

Trichromacy



Original Color

87.5280, 42.9120, 15.2640

Protanomaly

87.7590, 19.8520, 3.6600

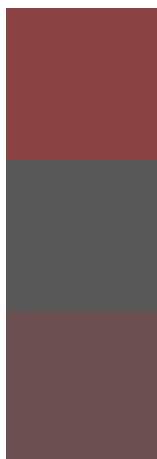
Deuteranomaly

88.0650, 27.7380, 3.9140

Tritanomaly

87.2830, 42.2240, 16.7200

Monochromacy



Original Color

87.5280, 42.9120, 15.2640

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.7740, 15.4960, 5.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.5280, 42.9120, 15.2640 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(138, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(138, 66, 66)  
}
```

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(138, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 66, 66) }
```

Border

The CSS property to change the border of an element to YIQ 87.5280, 42.9120, 15.2640 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(138, 66, 66) }
```


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

```
.border{ border-color:rgb(138, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(138, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(138, 66,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 87.5280, 42.9120, 15.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 66, 66) }
```

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

```
.background{ background-color: rgb(138, 66,  
66) }
```

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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