

Converting Colors

YIQ(86.7300, 62.3540, 4.3220)

Have a look what the booklet for
YIQ(86.7300, 62.3540, 4.3220)
contains.

YIQ(86.7300, 62.3540, 4.3220)	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(86.7300, 62.3540,
4.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	954319
RGB	149, 67, 25
RGB Percent	58%, 26%, 10%
CMY	0.4155, 0.7374, 0.9017
CMYK	0.00, 0.55, 0.83, 0.42
HSL	20°, 71%, 34%
HSV	20°, 83%, 58%
XYZ	14.5836, 10.4743, 2.1768
YIQ	86.7300, 62.3540, 4.3220

Conversions

Conversions Part 2

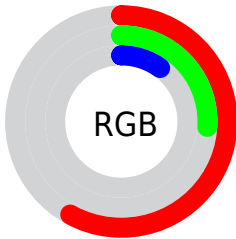
Format	Color
R_{YB}	149, 89, 25
Decimal	9782041
CIE _{Lab}	38.68, 31.99, 40.00
CIE _{LCh}	39, 51.212, 51.349
Yxy	10.4743, 0.5355, 0.3846
Android (android.graphics.Color)	4287972121 (0xFF954319)
YUV	86.7300, -30.4329, 54.6108
Hunter-Lab	32.3640, 23.7972, 18.6669

Details

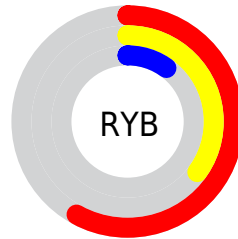
The YIQ color **86.7300, 62.3540, 4.3220** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.2700, -62.3540, -4.3220**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0790, 68.6810, 5.2970**, and **38.0740, 49.8820, 10.0900** is the 20% darker color. If you saturate the color by 10%, you get **79.1500, 69.9190, 4.8870**, and if you desaturate by 10%, it is **94.3100, 54.7890, 3.7570**.

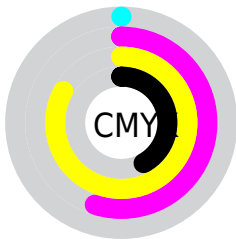
Distribution



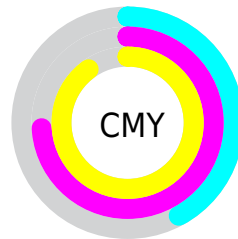
- Red (58%)
- Green (26%)
- Blue (10%)



- Red (58%)
- Yellow (35%)
- Blue (10%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (42%)



- Cyan (42%)
- Magenta (74%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.7300, 62.3540, 4.3220 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 86.7300, 62.3540, 4.3220 by changing the saturation by 10% instead.

86.7300, 62.3540,
4.3220

86.7300, 62.3540,
4.3220

255.0000, -0.0000,
-0.0000

61.1210, 59.6950,
2.9510

139.3780, 69.2770,
5.5090

38.0740, 49.8820,
10.0900

166.4600, 71.9820,
6.0460

18.8370, 37.5480,
13.3560

189.9430, 66.0680,
3.0920

12.0740, 23.5190,
8.7910

209.3430, 50.0220,
-3.4660

0.0000, 0.0000,
0.0000

228.8570, 33.6550,
-9.7130

249.0720, 16.6920,

-16.1720

252.2640, 7.7040,
-7.4640

86.7300, 62.3540,
4.3220

86.7300, 62.3540,
4.3220

79.1500, 69.9190,
4.8870

94.3100, 54.7890,
3.7570

73.9010, 75.0540,
5.4380

101.8900, 47.2240,
3.1920

109.4700, 39.6590,
2.6270

116.4630, 32.3690,
2.5850

124.0430, 24.8040,
2.0200

■ 131.5090, 17.5600,
1.1440

■ 139.0890, 9.9950,
0.5790

■ 146.6690, 2.4300,
0.0140

■ 154.2490, -5.1350,
-0.5510

Harmonies

Analogous

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



85.0950, 63.7250, 29.0450



86.7300, 62.3540, 4.3220



85.7750, 48.1450, -19.0150

Triad

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



86.7300, 62.3540, 4.3220



72.7610, -54.6920, -33.0600



87.9980, -40.0760, 21.4600

Complementary

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



86.7300, 62.3540, 4.3220



87.2700, -62.3540, -4.3220

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.



78.5360, -83.3540, 1.8140



86.7300, 62.3540, 4.3220



78.2500, -68.7700, -20.2100

Square

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



86.7300, 62.3540, 4.3220



71.9040, -27.5940, -39.5780



80.5930, -79.5010, -7.4450



93.1420, 12.7850, 38.1370

Rectangle

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



86.7300, 62.3540, 4.3220



83.8820, 31.3660, -28.8100



80.5930, -79.5010, -7.4450



73.1390, -80.5580, 6.2100

Sweetspot

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



86.7300, 62.3540, 4.3220



169.6300, 24.5290, 1.4970



71.5380, 47.2610, 52.1010



82.5410, 14.5340, 0.9180



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



86.7300, 62.3540, 4.3220



96.1610, 97.7490, 7.1330



122.5370, 45.5790, -27.5810



70.2670, 3.6220, 0.4380



68.8510, 69.3230, 4.6750



4.7510, 5.1350, 0.5510

Inverse Universe

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



87.2700, -62.3540, -4.3220



97.2520, -97.4740, -6.6100



51.4630, -45.5790, 27.5810



70.1460, -3.3470, 0.0850



69.1490, -69.3230, -4.6750



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 86.7300, 62.3540, 4.3220 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



This preview shows how the YIQ color 86.7300, 62.3540, 4.3220 looks on a 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 86.7300, 62.3540, 4.3220

Background



This preview shows how black text looks on a background with the YIQ color 86.7300, 62.3540, 4.3220.



This preview shows how white text looks on a background with the YIQ color 86.7300, 62.3540,

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

86.7300, 62.3540, 4.3220

Protanopia

88.4490, 25.8160, -16.3280

Deuteranopia

87.5770, 40.0750, -15.9330



Tritanopia

89.7680, 51.1640, 19.9000

Trichromacy



Original Color

86.7300, 62.3540, 4.3220

Protanomaly

87.9070, 39.3860, -8.9500

Deuteranomaly

87.3980, 48.1890, -8.7950

Tritanomaly

88.3460, 55.1080, 14.5000

Monochromacy



Original Color

86.7300, 62.3540, 4.3220

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.1460, 23.0160, 1.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.7300, 62.3540, 4.3220 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(149, 67, 25)` looks like.

```
.text, #text, p{  
    color:rgb(149, 67, 25)  
}
```

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(149, 67, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 67, 25) }
```

Border

The CSS property to change the border of an element to YIQ 86.7300, 62.3540, 4.3220 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(149, 67, 25) }
```


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

```
.border{ border-color:rgb(149, 67, 25) }
```

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

Here you see how a box with a 4 pixel rgb(149, 67, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 67, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 67, 25);  
box-shadow:4px 4px 4px 4px rgb(149, 67,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 86.7300, 62.3540, 4.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 67, 25) }
```

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

```
.background{ background-color: rgb(149, 67,  
25) }
```

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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