

Converting Colors

YIQ(63.6660, 86.7420, 24.9020)

Have a look what the booklet for
YIQ(63.6660, 86.7420, 24.9020)
contains.

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Color

**YIQ(63.6660, 86.7420,
24.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	A2180A
RGB	162, 24, 10
RGB Percent	64%, 9%, 4%
CMY	0.3644, 0.9061, 0.9604
CMYK	0.00, 0.85, 0.94, 0.36
HSL	5°, 88%, 34%
HSV	5°, 94%, 64%
XYZ	15.2976, 8.3629, 1.0977
YIQ	63.6660, 86.7420, 24.9020

Conversions

Conversions Part 2

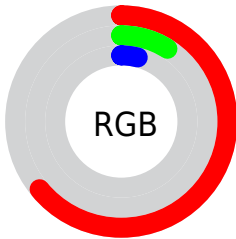
Format	Color
R_{YB}	162, 25, 10
Decimal	10622986
CIE Lab	34.73, 53.32, 44.26
CIE LCh	35, 69.296, 39.691
Yxy	8.3629, 0.6179, 0.3378
Android (android.graphics.Color)	4288813066 (0xFFA2180A)
YUV	63.6660, -26.4573, 86.2389
Hunter-Lab	28.9187, 43.8162, 17.9926

Details

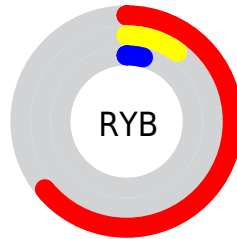
The YIQ color **63.6660, 86.7420, 24.9020** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **108.3340, -86.7420, -24.9020**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.0810, 92.7030, 21.4950**, and **30.1990, 60.1960, 21.4120** is the 20% darker color. If you saturate the color by 10%, you get **57.2430, 92.4270, 26.4990**, and if you desaturate by 10%, it is **74.2950, 77.4810, 22.0330**.

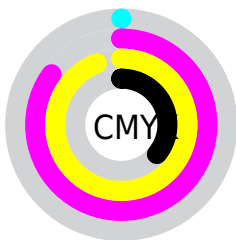
Distribution



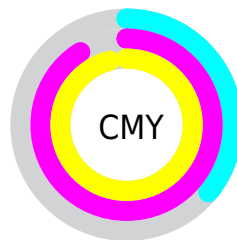
- Red (64%)
- Green (9%)
- Blue (4%)



- Red (64%)
- Yellow (10%)
- Blue (4%)



- Cyan (0%)
- Magenta (85%)
- Yellow (94%)
- Black (36%)





- Cyan (36%)
- Magenta (91%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.6660, 86.7420, 24.9020 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 63.6660, 86.7420, 24.9020 by changing the saturation by 10% instead.


 63.6660, 86.7420,
24.9020


 63.6660, 86.7420,
24.9020


 253.4040, 4.4940,
-4.3540


 39.4680, 78.6720,
27.9840


 123.0810, 92.7030,
21.4950


 30.1990, 60.1960,
21.4120

 151.2230, 95.1790,
20.6750


 21.3430, 41.9950,
15.3630

 169.8080, 80.0500,
14.0180

 12.9710, 25.3070,
9.4270

 189.2080, 64.0040,
7.4600

 0.0000, 0.0000,
0.0000

 208.7220, 47.6370,
1.2130

 228.8230, 30.9950,

-5.5570

■ 249.6250, 13.7570,
-12.5390

■ 63.6660, 86.7420,
24.9020

■ 63.6660, 86.7420,
24.9020

■ 57.2430, 92.4270,
26.4990

■ 74.2950, 77.4810,
22.0330

■ 84.4510, 68.1740,
19.9980

■ 95.0800, 58.9130,
17.1290

■ 105.7090, 49.6520,
14.2600

■ 116.3380, 40.3910,
11.3910

■ 126.3800, 31.4050,
9.0450

■ 137.1230, 21.8230,
6.4870

■ 147.7520, 12.5620,
3.6180

■ 158.3810, 3.3010,
0.7490

Harmonies

Analogous

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



59.6640, 82.1970, 57.7250



63.6660, 86.7420, 24.9020



76.4380, 59.8800, -5.9120

Triad

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



63.6660, 86.7420, 24.9020



64.4340, -40.8900, -40.9060



71.3100, -85.0530, 16.0910

Complementary

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



63.6660, 86.7420, 24.9020



108.3340, -86.7420, -24.9020

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.



78.8440, -86.9770, 6.9030



63.6660, 86.7420, 24.9020



72.3340, -60.3790, -23.6030

Square

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



63.6660, 86.7420, 24.9020



56.3520, -26.4000, -50.2080



77.7890, -77.1170, -6.5970



81.6360, -8.8570, 44.8950

Rectangle

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



63.6660, 86.7420, 24.9020



77.1590, 38.1960, -20.4280



77.7890, -77.1170, -6.5970



74.9460, -87.0240, 13.2640

Sweetspot

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



63.6660, 86.7420, 24.9020



173.4620, 34.1100, 9.5820



71.2940, 45.9730, 75.4530



83.5250, 20.6310, 6.0630



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.



63.6660, 86.7420, 24.9020



74.5410, 121.1270, 35.0070



107.6910, 66.1170, -14.3230



76.2780, 5.0890, 1.3850



50.9860, 82.8450, 23.9410



6.5560, 10.1780, 2.7700

Inverse Universe

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



108.3340, -86.7420, -24.9020



136.8720, -120.8520, -34.4840



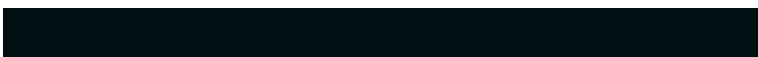
64.3090, -66.1170, 14.3230



78.7220, -5.0890, -1.3850



94.0140, -82.8450, -23.9410



11.4440, -10.1780, -2.7700

Previews

White Background



This preview shows how the YIQ color 63.6660, 86.7420, 24.9020 looks on a white background.

Color Contrast Check

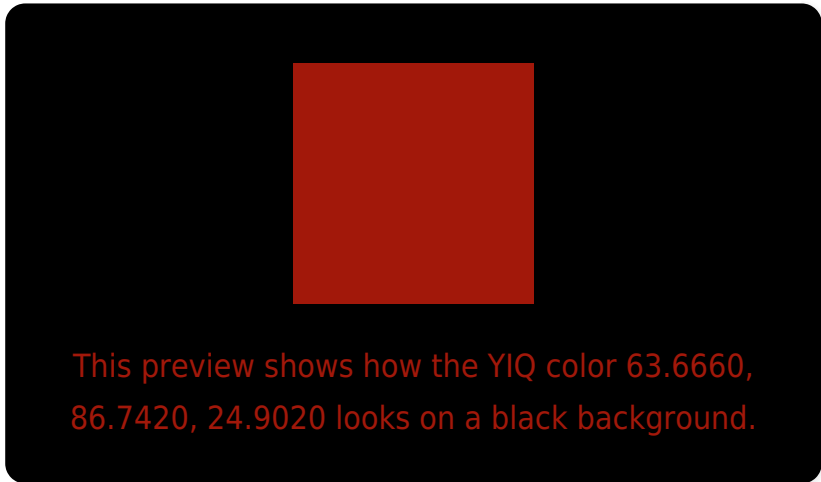
Large Text (above 18pt) WCAG AA ✓ Pass

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

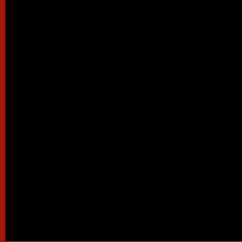
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6660, 86.7420, 24.9020

Background



This preview shows how black text looks on a background with the YIQ color 63.6660, 86.7420, 24.9020.



This preview shows how white text looks on a background with the YIQ color 63.6660, 86.7420,

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

63.6660, 86.7420, 24.9020

Protanopia

80.1500, 25.2200, -16.5400

Deuteranopia

77.7680, 40.8550, -19.0570



Tritanopia

64.2190, 83.8070, 28.5350

Trichromacy



Original Color

63.6660, 86.7420, 24.9020

Protanomaly

74.1410, 47.7750, -1.2890

Deuteranomaly

72.7630, 57.5870, -2.9010

Tritanomaly

63.7630, 85.0910, 27.2910

Monochromacy



Original Color

63.6660, 86.7420, 24.9020

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.6790, 32.0010, 9.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6660, 86.7420, 24.9020 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(162, 24, 10)` looks like.

```
.text, #text, p{  
    color:rgb(162, 24, 10)  
}
```

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(162, 24, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 24, 10) }
```

Border

The CSS property to change the border of an element to YIQ 63.6660, 86.7420, 24.9020 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(162, 24, 10) }
```


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

```
.border{ border-color:rgb(162, 24, 10) }
```

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

Here you see how a box with a 4 pixel rgb(162, 24, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 24, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 24, 10);  
box-shadow:4px 4px 4px 4px rgb(162, 24,  
10) }
```

Background

The CSS property to change the background color of an element to YIQ 63.6660, 86.7420, 24.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 24, 10) }
```

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

```
.background{ background-color: rgb(162, 24,  
10) }
```

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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