

Converting Colors

YIQ(24.9000, 24.0690, 9.8370)

Have a look what the booklet for
YIQ(24.9000, 24.0690, 9.8370)
contains.

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Color

**YIQ(24.9000, 24.0690,
9.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	360C0F
RGB	54, 12, 15
RGB Percent	21%, 5%, 6%
CMY	0.7881, 0.9530, 0.9411
CMYK	0.00, 0.78, 0.72, 0.79
HSL	356°, 64%, 13%
HSV	356°, 78%, 21%
XYZ	1.7404, 1.0821, 0.5700
YIQ	24.9000, 24.0690, 9.8370

Conversions

Conversions Part 2

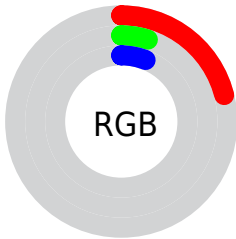
Format	Color
R_{YB}	54, 12, 15
Decimal	3542031
CIE Lab	9.66, 21.20, 8.50
CIE LCh	10, 22.835, 21.848
Yxy	1.0821, 0.5130, 0.3190
Android (android.graphics.Color)	4281732111 (0xFF360C0F)
YUV	24.9000, -4.8807, 25.5207
Hunter-Lab	10.4022, 11.6605, 4.0329

Details

The YIQ color **24.9000, 24.0690, 9.8370** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.1000, -24.0690, -9.8370**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **70.5800, 27.9660, 10.7980**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.3950, 27.0490, 10.8970**, and if you desaturate by 10%, it is **28.4050, 21.0890, 8.7770**.

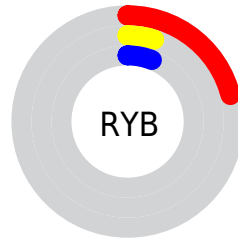
Distribution



Red (21%)

Green (5%)

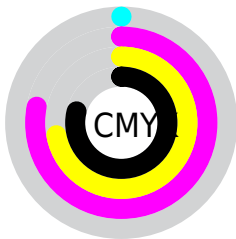
Blue (6%)



Red (21%)

Yellow (5%)

Blue (6%)

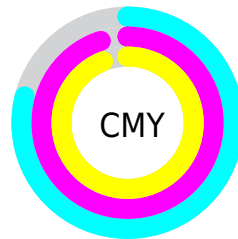


Cyan (0%)

Magenta (78%)

Yellow (72%)

Black (79%)



Cyan (79%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.9000, 24.0690, 9.8370 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 24.9000, 24.0690, 9.8370 by changing the saturation by 10% instead.

24.9000, 24.0690,
9.8370

24.9000, 24.0690,
9.8370

243.6700, 9.8570,
3.0810

9.9810, 19.3470,
7.3070

70.5800, 27.9660,
10.7980

0.0000, 0.0000,
0.0000

95.0640, 29.4790,
10.9110


119.9610, 31.2670,
11.5470


146.4450, 32.7800,
11.6600


173.0430, 33.9720,
12.0840


200.6410, 35.1640,


12.5080


 224.0420, 26.5450,
9.0170


 24.9000, 24.0690,
9.8370


 24.9000, 24.0690,
9.8370


 21.3950, 27.0490,
10.8970


 28.4050, 21.0890,
8.7770


 17.3030, 30.3040,
12.4800

 32.4970, 17.8340,
7.1940

 16.6020, 30.9000,
12.6920

 36.0020, 14.8540,
6.1340

 40.0940, 11.5990,
4.5510

 43.5990, 8.6190,
3.4910

■ 47.1040, 5.6390,
2.4310

■ 51.1960, 2.3840,
0.8480

■ 54.7010, -0.5960,
-0.2120

■ 58.7930, -3.8510,
-1.7950

Harmonies

Analogous

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



25.6530, 17.6950, 15.2230



24.9000, 24.0690, 9.8370



25.2170, 24.2540, 0.9740

Triad

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



24.9000, 24.0690, 9.8370



19.9800, -6.4160, -15.8880



24.1080, -26.5470, 2.0370

Complementary

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



24.9000, 24.0690, 9.8370



41.1000, -24.0690, -9.8370

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.



25.1850, -25.4460, -1.3980



24.9000, 24.0690, 9.8370



22.4660, -16.4120, -10.9400

Square

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



24.9000, 24.0690, 9.8370



24.4980, 6.9250, -9.8670



24.2900, -21.5480, -5.9640



26.3270, -13.8020, 7.8460

Rectangle

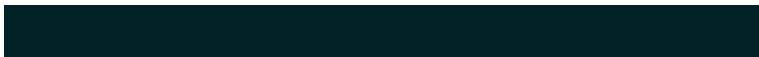
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.9000, 24.0690, 9.8370



25.4720, 18.9820, -2.6020



24.2900, -21.5480, -5.9640



24.5810, -26.5010, 1.2030

Sweetspot

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



24.9000, 24.0690, 9.8370



59.8980, 9.2150, 3.7030



28.4490, 9.7620, 21.3300



28.9900, 5.9600, 2.1200



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



24.9000, 24.0690, 9.8370



25.3040, 37.7310, 15.5470



35.1240, 20.0820, -0.5100



25.8970, 1.7880, 0.6360



28.3060, 52.5850, 21.6810



67.3050, 125.3880, 51.4040

Inverse Universe

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



24.9000, 24.0690, 9.8370



25.3040, 37.7310, 15.5470



31.4630, -20.3570, -0.0130



25.8970, 1.7880, 0.6360



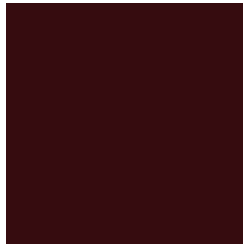
28.3060, 52.5850, 21.6810



67.3050, 125.3880, 51.4040

Previews

White Background



This preview shows how the YIQ color 24.9000, 24.0690, 9.8370 looks on a white background.

Color Contrast Check

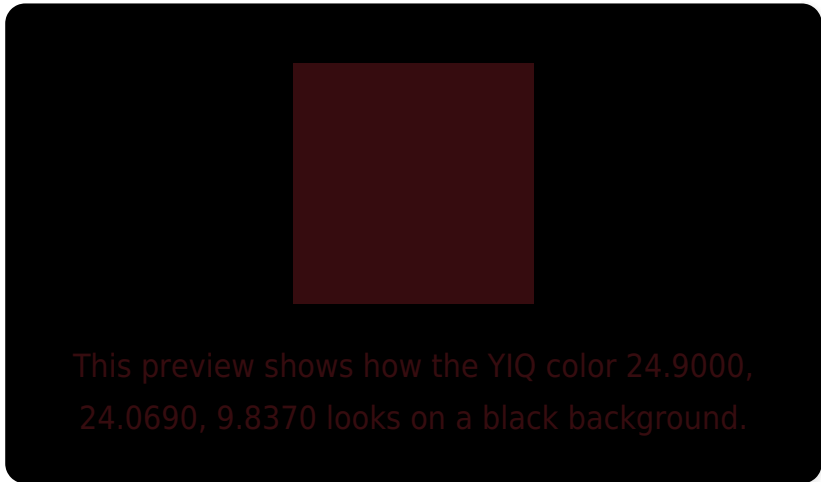
Large Text (above 18pt) WCAG AA ✓ Pass

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

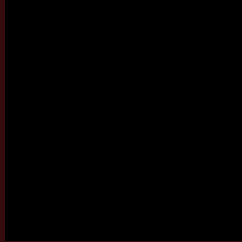
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.9000, 24.0690, 9.8370

Background



This preview shows how black text looks on a background with the YIQ color 24.9000, 24.0690, 9.8370.



This preview shows how white text looks on a background with the YIQ color 24.9000, 24.0690,

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

24.9000, 24.0690, 9.8370

Protanopia

28.6860, 3.7600, -2.0640

Deuteranopia

27.9810, 10.1790, -2.7570



Tritanopia

24.6720, 24.7110, 9.2150

Trichromacy



Original Color

24.9000, 24.0690, 9.8370

Protanomaly

27.3280, 10.8200, 2.1480

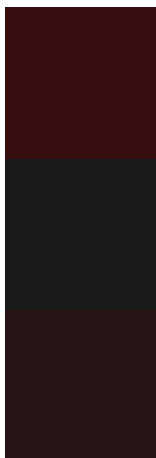
Deuteranomaly

27.2530, 15.4050, 1.6530

Tritanomaly

24.7860, 24.3900, 9.5260

Monochromacy



Original Color

24.9000, 24.0690, 9.8370

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.8980, 9.2150, 3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.9000, 24.0690, 9.8370 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(54, 12, 15)` looks like.

```
.text, #text, p{  
    color:rgb(54, 12, 15)  
}
```

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(54, 12, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 12, 15) }
```

Border

The CSS property to change the border of an element to YIQ 24.9000, 24.0690, 9.8370 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(54, 12, 15) }
```


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

```
.border{ border-color:rgb(54, 12, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 12, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 12, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 12, 15);  
box-shadow:4px 4px 4px 4px rgb(54, 12, 15)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.9000, 24.0690, 9.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 12, 15) }
```

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

```
.background{ background-color: rgb(54, 12,  
15) }
```

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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