

Converting Colors

YIQ(94.7540, -24.1690, 36.0470)

Have a look what the booklet for
YIQ(94.7540, -24.1690, 36.0470)
contains.

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Color

**YIQ(94.7540, -24.1690,
36.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4EB7
RGB	94, 78, 183
RGB Percent	37%, 31%, 72%
CMY	0.6313, 0.6941, 0.2825
CMYK	0.49, 0.57, 0.00, 0.28
HSL	249°, 42%, 51%
HSV	249°, 57%, 72%
XYZ	15.8853, 11.2460, 46.1085
YIQ	94.7540, -24.1690, 36.0470

Conversions

Conversions Part 2

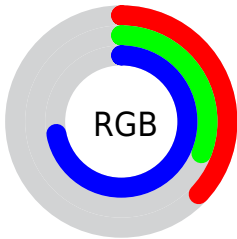
Format	Color
R_{YB}	94, 78, 183
Decimal	6180535
CIE _{Lab}	39.99, 34.07, -53.65
CIE _{LCh}	40, 63.556, 302.418
Yxy	11.2460, 0.2169, 0.1535
Android (android.graphics.Color)	4284370615 (0xFF5E4EB7)
YUV	94.7540, 43.5053, -0.6613
Hunter-Lab	33.5350, 25.8678, -58.0456

Details

The YIQ color $94.7540, -24.1690, 36.0470$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $166.2460, 24.1690, -36.0470$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $147.3460, -22.8400, 39.4960$, and $44.2430, -30.2200, 30.0680$ is the 20% darker color. If you saturate the color by 10%, you get $79.7030, -28.1590, 42.2810$, and if you desaturate by 10%, it is $110.1040, -19.5830, 30.0250$.

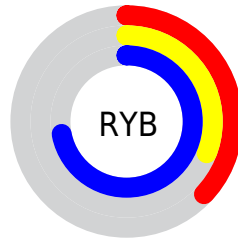
Distribution



Red (37%)

Green (31%)

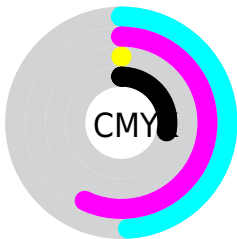
Blue (72%)



Red (37%)

Yellow (31%)

Blue (72%)

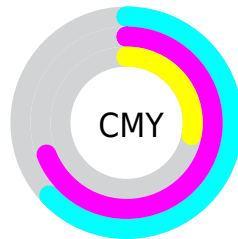


Cyan (49%)

Magenta (57%)

Yellow (0%)

Black (28%)



Cyan (63%)

Magenta (69%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.7540, -24.1690, 36.0470 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 94.7540, -24.1690, 36.0470 by changing the saturation by 10% instead.

■ 94.7540, -24.1690,
36.0470

■ 94.7540, -24.1690,
36.0470

■ 255.0000, -0.0000,
-0.0000

■ 69.8030, -25.8650,
33.7430

■ 147.3460,
-22.8400, 39.4960

■ 44.2430, -30.2200,
30.0680

■ 172.9890,
-17.5210, 36.7110

■ 18.7860, -36.3630,
25.7570

■ 197.5090, -7.6620,
28.7380

■ 9.0060, -25.3590,
24.5690

■ 222.0290, 2.1970,
20.7650

■ 9.2050, -19.0300,
14.4900

■ 244.4340, 4.9500,
9.4140

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 94.7540, -24.1690,
36.0470

■ 94.7540, -24.1690,
36.0470

■ 79.7030, -28.1590,
42.2810

■ 110.1040,
-19.5830, 30.0250

■ 63.7660, -32.4700,
48.8260

■ 125.7420,
-15.8680, 23.2680

■ 48.7150, -36.4600,
55.0600

■ 141.0920,
-11.2820, 17.2460

■ 33.3650, -41.0460,
61.0820

■ 156.1430, -7.2920,
11.0120

■ 29.2340, -42.0550,
62.8490

■ 171.4930, -2.7060,
4.9900

■ 187.1310, 1.0090,
-1.7670

■ 202.4810, 5.5950,
-7.7890

■ 217.5320, 9.5850,
-14.0230

■ 233.4690, 13.8960,
-20.5680

Harmonies

Analogous

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



81.3860, -91.3790, 9.5890



94.7540, -24.1690, 36.0470



91.1330, 35.3400, 53.3880

Triad

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



94.7540, -24.1690, 36.0470



87.7120, 70.7920, -5.4320



79.1500, -63.0370, -30.5010

Complementary

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



94.7540, -24.1690, 36.0470



166.2460, 24.1690, -36.0470

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.



71.1190, -44.5570, -46.0370



94.7540, -24.1690, 36.0470



88.3670, 40.3060, -25.6300

Square

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



94.7540, -24.1690, 36.0470



82.6640, 81.0560, 28.8320



79.8520, 4.5470, -43.8770



85.0780, -79.7290, -14.3290

Rectangle

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



94.7540, -24.1690, 36.0470



80.4370, 63.9030, 58.8710



79.8520, 4.5470, -43.8770



76.5110, -56.9840, -35.5760

Sweetspot

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



94.7540, -24.1690, 36.0470



203.3540, -9.2640, 13.7120



142.2130, -58.1800, -13.8920



99.9320, -5.3200, 8.3120



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



94.7540, -24.1690, 36.0470



100.0570, -37.4230, 55.9930



110.3020, 6.8230, 47.0710



84.3250, -2.2930, 3.0110



24.9600, -35.7720, 53.6040



4.3880, -6.6040, 9.5560

Inverse Universe

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



119.5410, 34.0110, 49.9390



138.4690, 52.8500, 77.4740



150.6980, -6.8230, -47.0710



86.4890, 3.1170, 4.0850



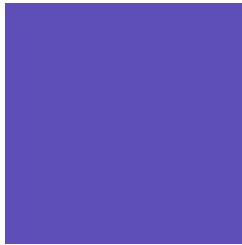
61.6920, 50.6040, 74.1240



11.1080, 8.9840, 13.4000

Previews

White Background



This preview shows how the YIQ color 94.7540, -24.1690, 36.0470 looks on a white background.

Color Contrast Check

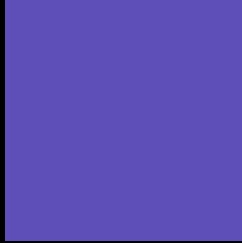
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.7540, -24.1690, 36.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

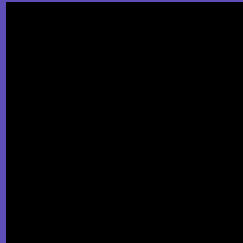
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.7540, -24.1690, 36.0470

Background



This preview shows how black text looks on a background with the YIQ color 94.7540, -24.1690, 36.0470.



This preview shows how white text looks on a background with the YIQ color 94.7540, -24.1690,

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

94.7540, -24.1690, 36.0470

Protanopia

75.4190, -86.9780, 12.4300

Deuteranopia

75.5040, -80.3280, 2.0400



Tritanopia

91.1380, -18.0640, -3.0240

Trichromacy



Original Color

94.7540, -24.1690, 36.0470

Protanomaly

82.1940, -64.0550, 21.0090

Deuteranomaly

82.1310, -59.7440, 14.4640

Tritanomaly

92.6130, -20.3590, 11.0410

Monochromacy



Original Color

94.7540, -24.1690, 36.0470

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1260, -8.6220, 13.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7540, -24.1690, 36.0470 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(94, 78, 183)` looks like.

```
.text, #text, p{  
    color:rgb(94, 78, 183)  
}
```

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(94, 78, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 78, 183) }
```

Border

The CSS property to change the border of an element to YIQ 94.7540, -24.1690, 36.0470 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(94, 78, 183) }
```


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

```
.border{ border-color:rgb(94, 78, 183) }
```

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

Here you see how a box with a 4 pixel rgb(94, 78, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 78, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 78, 183);  
box-shadow:4px 4px 4px 4px rgb(94, 78,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7540, -24.1690, 36.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 78, 183) }
```

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

```
.background{ background-color: rgb(94, 78,  
183) }
```

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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