

Converting Colors

YIQ(97.9590, 23.2990, -42.3090)

Have a look what the booklet for
YIQ(97.9590, 23.2990, -42.3090)
contains.

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Color

**YIQ(97.9590, 23.2990,
-42.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7700
RGB	94, 119, 0
RGB Percent	37%, 47%, 0%
CMY	0.6315, 0.5333, 0.9998
CMYK	0.21, 0.00, 1.00, 0.53
HSL	73°, 100%, 23%
HSV	73°, 100%, 47%
XYZ	11.2109, 15.5741, 2.4166
YIQ	97.9590, 23.2990, -42.3090

Conversions

Conversions Part 2

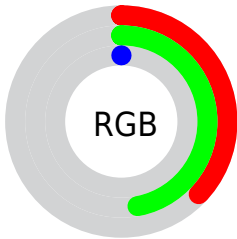
Format	Color
RYB	0, 119, 25
Decimal	6190848
CIELab	46.41, -23.80, 51.40
CIELCh	46, 56.643, 114.848
Yxy	15.5741, 0.3839, 0.5333
Android (android.graphics.Color)	4284380928 (0xFF5E7700)
YUV	97.9590, -48.2938, -3.4720
Hunter-Lab	39.4640, -18.3538, 23.9942

Details

The YIQ color **97.9590, 23.2990, -42.3090** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **21.0410, -23.2990, 42.3090**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.8110, 20.9600, -38.4640**, and **53.9470, 6.3780, -27.4940** is the 20% darker color. If you saturate the color by 10%, you get **97.9590, 23.2990, -42.3090**, and if you desaturate by 10%, it is **99.9250, 20.6390, -38.1530**.

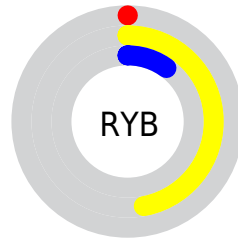
Distribution



Red (37%)

Green (47%)

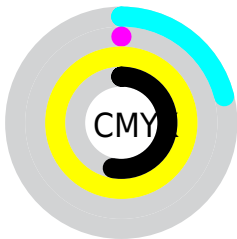
Blue (0%)



Red (0%)

Yellow (47%)

Blue (10%)

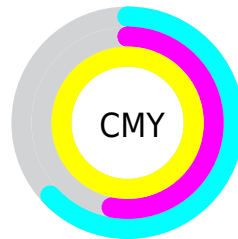


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.9590, 23.2990, -42.3090 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 97.9590, 23.2990, -42.3090 by changing the saturation by 10% instead.

■ 97.9590, 23.2990,
-42.3090

■ 97.9590, 23.2990,
-42.3090

■ 255.0000, -0.0000,
-0.0000

■ 75.5100, 14.6780,
-34.7460

■ 151.8110, 20.9600,
-38.4640

■ 53.9470, 6.3780,
-27.4940

■ 179.5830, 21.6020,
-39.0860

■ 32.6610, -4.2600,
-21.9240

■ 207.3550, 22.2440,
-39.7080

■ 17.0230, -7.9750,
-15.1670

■ 235.5400, 23.1610,
-39.8070

■ 0.0000, 0.0000,
0.0000

■ 245.3100, 27.2850,
-26.4350

■ 248.5020, 18.2970,

-17.7270

■ 251.6940, 9.3090,
-9.0190

■ 97.9590, 23.2990,
-42.3090

■ 99.9250, 20.6390,
-38.1530

■ 102.1900, 18.5750,
-33.7850

■ 104.1560, 15.9150,
-29.6290

■ 106.4210, 13.8510,
-25.2610

■ 108.3870, 11.1910,
-21.1050

■ 110.5380, 9.4480,
-17.0480

■ 112.8030, 7.3840,
-12.6800

■ 114.7690, 4.7240,
-8.5240

■ 117.0340, 2.6600,
-4.1560

Harmonies

Analogous

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



103.1960, 53.9690, -25.4470



97.9590, 23.2990, -42.3090



84.2500, -43.5480, -47.8040

Triad

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



97.9590, 23.2990, -42.3090



96.4540, -95.2270, -8.7870



106.2970, 57.9450, 45.6970

Complementary

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



97.9590, 23.2990, -42.3090



21.0410, -23.2990, 42.3090

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.



112.1370, 20.3490, 44.2290



97.9590, 23.2990, -42.3090



92.6360, -98.2550, 2.0410

Square

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



97.9590, 23.2990, -42.3090



94.4700, -84.1290, -22.6970



109.2530, -36.1800, 27.9480



104.1840, 73.7200, 29.6240

Rectangle

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



97.9590, 23.2990, -42.3090



85.7720, -62.3930, -42.1770



109.2530, -36.1800, 27.9480



108.3760, 47.5370, 47.0970

Sweetspot

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



97.9590, 23.2990, -42.3090



147.6520, 9.1270, -16.7370



49.6690, 64.3240, 12.6760



74.0140, 5.4120, -9.9800



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



97.9590, 23.2990, -42.3090



128.3490, 30.4080, -55.5120



80.6170, -11.2690, -54.6050



57.7180, 0.7340, -2.2900



100.6170, 24.2620, -43.2420



205.6530, 48.6620, -88.9860

Inverse Universe

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



21.0410, -23.2990, 42.3090



27.6510, -30.4080, 55.5120



38.3830, 11.2690, 54.6050



53.9830, -1.3300, 2.0780



21.6820, -23.6660, 43.4540



44.3470, -48.6620, 88.9860

Previews

White Background



This preview shows how the YIQ color 97.9590, 23.2990, -42.3090 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 97.9590, 23.2990, -42.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

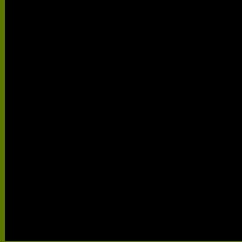
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.9590, 23.2990, -42.3090

Background



This preview shows how black text looks on a background with the YIQ color 97.9590, 23.2990, -42.3090.



This preview shows how white text looks on a background with the YIQ color 97.9590, 23.2990, -42.3090.

-42.3090.

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

97.9590, 23.2990, -42.3090

Protanopia

101.6460, 43.6540, -31.2420

Deuteranopia

104.7040, 46.9070, -18.6050



Tritanopia

109.8190, -6.7400, 1.0040

Trichromacy



Original Color

97.9590, 23.2990, -42.3090

Protanomaly

100.1180, 36.2730, -35.1430

Deuteranomaly

101.9430, 38.5640, -27.1000

Tritanomaly

105.4820, 3.8540, -14.7860

Monochromacy



Original Color

97.9590, 23.2990, -42.3090

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2930, 8.7600, -15.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.9590, 23.2990, -42.3090 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, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 0)  
}
```

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, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 0) }
```

Border

The CSS property to change the border of an element to YIQ 97.9590, 23.2990, -42.3090 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, 119, 0) }
```


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

```
.border{ border-color:rgb(94, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 119, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 97.9590, 23.2990, -42.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 0) }
```

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

```
.background{ background-color: rgb(94, 119,  
0) }
```

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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