

Converting Colors

YIQ(95.9730, 29.8520, -23.3960)

Have a look what the booklet for
YIQ(95.9730, 29.8520, -23.3960)
contains.

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Color

**YIQ(95.9730, 29.8520,
-23.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6717
RGB	110, 103, 23
RGB Percent	43%, 40%, 9%
CMY	0.5687, 0.5961, 0.9096
CMYK	0.00, 0.06, 0.79, 0.57
HSL	55°, 65%, 26%
HSV	55°, 79%, 43%
XYZ	11.4344, 13.0764, 2.7344
YIQ	95.9730, 29.8520, -23.3960

Conversions

Conversions Part 2

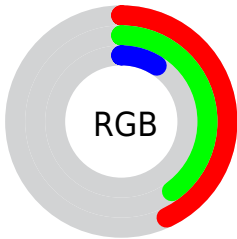
Format	Color
R_{YB}	31, 110, 23
Decimal	7235351
CIE _{Lab}	42.88, -6.96, 42.95
CIE _{LCh}	43, 43.505, 99.201
Yxy	13.0764, 0.4197, 0.4800
Android (android.graphics.Color)	4285425431 (0xFF6E6717)
YUV	95.9730, -35.9757, 12.3017
Hunter-Lab	36.1613, -6.8394, 20.8296

Details

The YIQ color **95.9730, 29.8520, -23.3960** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **37.0270, -29.8520, 23.3960**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7560, 31.9610, -23.0710**, and **50.5130, 19.7640, -16.7800** is the 20% darker color. If you saturate the color by 10%, you get **94.1320, 33.6580, -26.2940**, and if you desaturate by 10%, it is **97.8140, 26.0460, -20.4980**.

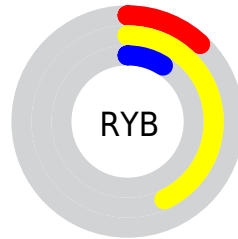
Distribution



Red (43%)

Green (40%)

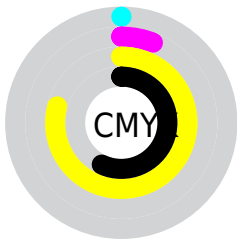
Blue (9%)



Red (12%)

Yellow (43%)

Blue (9%)

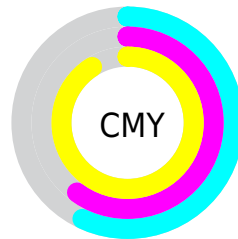


Cyan (0%)

Magenta (6%)

Yellow (79%)

Black (57%)



Cyan (57%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9730, 29.8520, -23.3960 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 95.9730, 29.8520, -23.3960 by changing the saturation by 10% instead.

95.9730, 29.8520,
-23.3960

95.9730, 29.8520,
-23.3960

255.0000, -0.0000,
-0.0000

71.4890, 28.3390,
-23.5090

147.7560, 31.9610,
-23.0710

50.5130, 19.7640,
-16.7800

174.3540, 33.1530,
-22.6470

30.7110, 10.6390,
-11.0970

202.3110, 34.7120,
-23.3680

8.8050, -4.1250,
-7.8450

230.4960, 35.6290,
-23.4670

0.0000, 0.0000,
0.0000

246.2220, 24.7170,
-23.9470

249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,
-6.2200

■ 95.9730, 29.8520,
-23.3960

■ 95.9730, 29.8520,
-23.3960

■ 94.1320, 33.6580,
-26.2940

■ 97.8140, 26.0460,
-20.4980

■ 92.2910, 37.4640,
-29.1920

■ 99.6550, 22.2400,
-17.6000

■ 92.1770, 37.7850,
-29.5030

■ 101.4960, 18.4340,
-14.7020

■ 103.3370, 14.6280,
-11.8040

■ 104.5910, 11.0970,
-8.3830

■ 106.4320, 7.2910,
-5.4850

■ 108.2730, 3.4850,
-2.5870

■ 110.1140, -0.3210,
0.3110

■ 111.9550, -4.1270,
3.2090

Harmonies

Analogous

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



98.5230, 49.3350, -7.5370



95.9730, 29.8520, -23.3960



91.7610, -1.9660, -30.4620

Triad

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



95.9730, 29.8520, -23.3960



85.3230, -79.0410, -15.7850



103.1900, 30.0250, 34.0650

Complementary

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



95.9730, 29.8520, -23.3960



37.0270, -29.8520, 23.3960

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.



104.2490, -3.9940, 28.3420



95.9730, 29.8520, -23.3960



84.8960, -84.7280, -6.3280

Square

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



95.9730, 29.8520, -23.3960



82.6210, -68.6770, -27.4050



94.1330, -54.0580, 10.5340



100.3370, 51.3000, 28.4520

Rectangle

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



95.9730, 29.8520, -23.3960



85.1410, -32.4550, -34.0790



94.1330, -54.0580, 10.5340



104.1010, 20.0300, 33.4860

Sweetspot

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



95.9730, 29.8520, -23.3960



137.3630, 11.7390, -9.0050



49.8110, 49.6050, 20.6210



68.1330, 6.6950, -5.6970



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



95.9730, 29.8520, -23.3960



121.0390, 46.6810, -36.5430



89.3180, 6.4710, -34.6890



55.3160, 1.9260, -1.8660



100.4500, 41.2700, -32.0900



207.1020, 84.7870, -66.3570

Inverse Universe

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



37.0270, -29.8520, 23.3960



28.9610, -46.6810, 36.5430



43.6820, -6.4710, 34.6890



51.2710, -2.2010, 1.3430



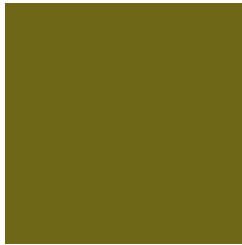
19.5500, -41.2700, 32.0900



39.8980, -84.7870, 66.3570

Previews

White Background



This preview shows how the YIQ color 95.9730, 29.8520, -23.3960 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 95.9730, 29.8520, -23.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

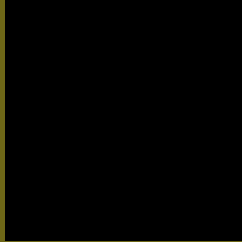
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.9730, 29.8520, -23.3960

Background



This preview shows how black text looks on a background with the YIQ color 95.9730, 29.8520, -23.3960.



This preview shows how white text looks on a background with the YIQ color 95.9730, 29.8520, -23.3960.

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

95.9730, 29.8520, -23.3960

Protanopia

96.5820, 32.5110, -22.0250

Deuteranopia

97.2890, 40.9460, -15.1980



Tritanopia

102.7780, 9.6730, 6.4170

Trichromacy



Original Color

95.9730, 29.8520, -23.3960

Protanomaly

96.2830, 31.9150, -22.2370

Deuteranomaly

97.1420, 36.8660, -18.3500

Tritanomaly

100.6350, 16.9650, -4.5950

Monochromacy



Original Color

95.9730, 29.8520, -23.3960

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.1780, 10.8220, -8.9060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9730, 29.8520, -23.3960 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(110, 103, 23)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 23)  
}
```

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(110, 103, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 23) }
```

Border

The CSS property to change the border of an element to YIQ 95.9730, 29.8520, -23.3960 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(110, 103, 23) }
```


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

```
.border{ border-color:rgb(110, 103, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 103, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 103, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 103, 23);  
box-shadow:4px 4px 4px 4px rgb(110, 103,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9730, 29.8520, -23.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 23) }
```

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

```
.background{ background-color: rgb(110,  
103, 23) }
```

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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