

Converting Colors

YIQ(95.7530, -24.7100,
-14.7420)

Have a look what the booklet for
YIQ(95.7530, -24.7100, -14.7420)
contains.

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Color

**YIQ(95.7530, -24.7100,
-14.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7062
RGB	63, 112, 98
RGB Percent	25%, 44%, 38%
CMY	0.7531, 0.5607, 0.6158
CMYK	0.44, 0.00, 0.13, 0.56
HSL	163°, 28%, 34%
HSV	163°, 44%, 44%
XYZ	10.0479, 13.5300, 13.6317
YIQ	95.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

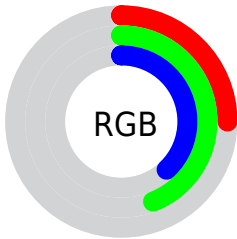
Format	Color
RYB	63, 92, 112
Decimal	4157538
CIELab	43.55, -20.27, 2.62
CIElCh	44, 20.437, 172.628
Yxy	13.5300, 0.2700, 0.3636
Android (android.graphics.Color)	4282347618 (0xFF3F7062)
YUV	95.7530, 1.1078, -28.7244
Hunter-Lab	36.7832, -15.6107, 3.7755

Details

The YIQ color **95.7530, -24.7100, -14.7420** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.2470, 24.7100, 14.7420**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0410, -25.5810, -15.4770**, and **46.7850, -27.7360, -14.9680** is the 20% darker color. If you saturate the color by 10%, you get **92.1220, -30.3030, -18.0070**, and if you desaturate by 10%, it is **99.3840, -19.1170, -11.4770**.

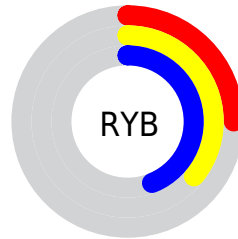
Distribution



Red (25%)

Green (44%)

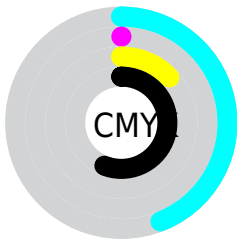
Blue (38%)



Red (25%)

Yellow (36%)

Blue (44%)

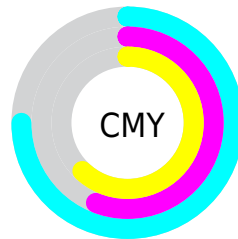


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.7530, -24.7100, -14.7420 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 95.7530, -24.7100, -14.7420 by changing the saturation by 10% instead.

■ 95.7530, -24.7100,
-14.7420

■ 95.7530, -24.7100,
-14.7420

■ 255.0000, -0.0000,
-0.0000

■ 70.8670, -25.0310,
-14.4310

■ 147.0410,
-25.5810, -15.4770

■ 46.7850, -27.7360,
-14.9680

■ 173.9270,
-25.2600, -15.7880

■ 27.6010, -21.2260,
-11.8020

■ 201.6280,
-25.8560, -16.0000

■ 13.0110, -7.7010,
-9.1170

■ 229.9160,
-26.7270, -16.7350

■ 0.0000, 0.0000,
0.0000

■ 245.4320,
-19.0720, -6.7840

■ 253.8040, -2.3840,

-0.8480

■ 95.7530, -24.7100,
-14.7420

■ 95.7530, -24.7100,
-14.7420

■ 92.1220, -30.3030,
-18.0070

■ 99.3840, -19.1170,
-11.4770

■ 88.4910, -35.8960,
-21.2720

■ 103.0150,
-13.5240, -8.2120

■ 84.4470, -41.7640,
-25.0600

■ 107.0590, -7.6560,
-4.4240

■ 80.8160, -47.3570,
-28.3250

■ 110.6900, -2.0630,
-1.1590

■ 77.1850, -52.9500,
-31.5900

■ 114.3210, 3.5300,
2.1060

■ 74.8640, -56.4800,
-33.6960

■ 117.9520, 9.1230,
5.3710

■ 121.5830, 14.7160,
8.6360

■ 125.6270, 20.5840,
12.4240

■ 129.2580, 26.1770,
15.6890

Harmonies

Analogous

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



98.4360, -7.7000, -14.6440



95.7530, -24.7100, -14.7420



93.8040, -37.9150, -12.2110

Triad

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



95.7530, -24.7100, -14.7420



103.8760, -10.9140, 10.5740



103.7120, 27.2340, 2.0340

Complementary

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



95.7530, -24.7100, -14.7420



79.2470, 24.7100, 14.7420

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.



104.7540, 27.4160, 9.7520



95.7530, -24.7100, -14.7420



105.4930, 6.4620, 15.0540

Square

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



95.7530, -24.7100, -14.7420



100.1510, -28.1060, 2.7580



105.4960, 19.5750, 14.1910



102.1470, 21.2750, -5.6130

Rectangle

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



95.7530, -24.7100, -14.7420



94.3570, -40.8500, -8.5780



105.4960, 19.5750, 14.1910



103.8910, 28.2880, 4.9600

Sweetspot

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



95.7530, -24.7100, -14.7420



138.7490, -9.7190, -5.5830



96.2480, -4.5350, -22.4470



70.0700, -6.1890, -3.4770



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



95.7530, -24.7100, -14.7420



119.4690, -38.8300, -23.1660



91.4790, -26.4540, -5.1580



53.9780, -2.9340, -1.8940



80.2440, -60.6060, -36.0140



165.1670, -124.7420, -74.1340

Inverse Universe

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



79.2470, 24.7100, 14.7420



93.5310, 38.8300, 23.1660



83.5210, 26.4540, 5.1580



52.0220, 2.9340, 1.8940



39.7560, 60.6060, 36.0140



81.9470, 124.4210, 74.4450

Previews

White Background



This preview shows how the YIQ color 95.7530, -24.7100, -14.7420 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 95.7530, -24.7100, -14.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

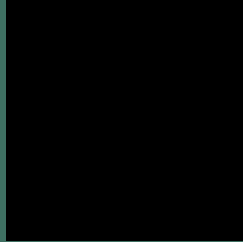
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.7530, -24.7100, -14.7420

Background



This preview shows how black text looks on a background with the YIQ color 95.7530, -24.7100, -14.7420.



This preview shows how white text looks on a background with the YIQ color 95.7530, -24.7100,

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

95.7530, -24.7100, -14.7420

Protanopia

102.4690, 5.8690, -1.7390

Deuteranopia

103.4140, 7.7020, 3.5900



Tritanopia

97.7670, -27.3250, -5.8930

Trichromacy



Original Color

95.7530, -24.7100, -14.7420

Protanomaly

100.2610, -5.4090, -6.6010

Deuteranomaly

100.8530, -4.0800, -3.1520

Tritanomaly

96.9580, -26.5450, -9.0170

Monochromacy



Original Color

95.7530, -24.7100, -14.7420

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0480, -9.1230, -5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.7530, -24.7100, -14.7420 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(63, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(63, 112, 98)  
}
```

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(63, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 112, 98) }
```

Border

The CSS property to change the border of an element to YIQ 95.7530, -24.7100, -14.7420 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(63, 112, 98) }
```


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

```
.border{ border-color:rgb(63, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(63, 112,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 95.7530, -24.7100, -14.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 112, 98) }
```

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

```
.background{ background-color: rgb(63, 112,  
98) }
```

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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