

Converting Colors

YIQ(97.7350, -32.3260, 13.1620)

Have a look what the booklet for
YIQ(97.7350, -32.3260, 13.1620)
contains.

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Color

**YIQ(97.7350, -32.3260,
13.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	4B629C
RGB	75, 98, 156
RGB Percent	29%, 38%, 61%
CMY	0.7059, 0.6156, 0.3884
CMYK	0.52, 0.37, 0.00, 0.39
HSL	223°, 35%, 45%
HSV	223°, 52%, 61%
XYZ	13.2669, 12.6317, 33.1718
YIQ	97.7350, -32.3260, 13.1620

Conversions

Conversions Part 2

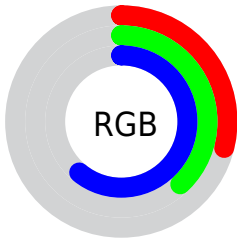
Format	Color
R_{YB}	75, 93, 156
Decimal	4940444
CIE _{Lab}	42.20, 8.49, -34.23
CIE _{LCh}	42, 35.263, 283.934
Yxy	12.6317, 0.2246, 0.2138
Android (android.graphics.Color)	4283130524 (0xFF4B629C)
YUV	97.7350, 28.7246, -19.9386
Hunter-Lab	35.5411, 4.4342, -30.4588

Details

The YIQ color **97.7350, -32.3260, 13.1620** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.2650, 32.3260, -13.1620**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5010, -31.5470, 15.5650**, and **46.8650, -38.7440, 8.3280** is the 20% darker color. If you saturate the color by 10%, you get **86.4940, -38.8370, 15.5230**, and if you desaturate by 10%, it is **108.9760, -25.8150, 10.8010**.

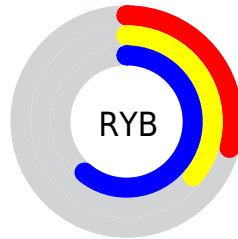
Distribution



Red (29%)

Green (38%)

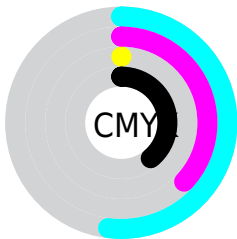
Blue (61%)



Red (29%)

Yellow (36%)

Blue (61%)

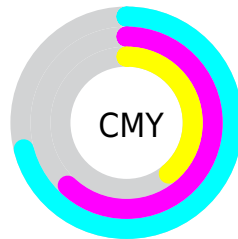


Cyan (52%)

Magenta (37%)

Yellow (0%)

Black (39%)



Cyan (71%)

Magenta (62%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.7350, -32.3260, 13.1620 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 97.7350, -32.3260, 13.1620 by changing the saturation by 10% instead.

■ 97.7350, -32.3260,
13.1620

■ 97.7350, -32.3260,
13.1620

■ 255.0000, -0.0000,
-0.0000

■ 72.6100, -33.4720,
11.9040

■ 149.5010,
-31.5470, 15.5650

■ 46.8650, -38.7440,
8.3280

■ 176.6150,
-31.8680, 15.8760

■ 27.3170, -34.2050,
8.6670

■ 202.6600,
-27.7410, 12.6670

■ 10.0200, -19.9470,
14.5890

■ 227.4680,
-18.7530, 3.9590

■ 5.0500, -11.4640,
9.5280

■ 250.8140, -8.3440,
-2.9680

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 97.7350, -32.3260,
13.1620

■ 97.7350, -32.3260,
13.1620

■ 86.4940, -38.8370,
15.5230

■ 108.9760,
-25.8150, 10.8010

■ 75.5520, -44.7520,
18.0960

■ 119.9180,
-19.9000, 8.2280

■ 64.3110, -51.2630,
20.4570

■ 131.1590,
-13.3890, 5.8670

■ 52.7820, -56.9030,
23.5530

■ 142.6880, -7.7490,
2.7710

■ 43.6120, -62.1760,
25.5040

■ 153.9290, -1.2380,
0.4100

■ 165.1700, 5.2730,
-1.9510

■ 176.1120, 11.1880,
-4.5240

■ 187.3530, 17.6990,
-6.8850

■ 198.2950, 23.6140,
-9.4580

Harmonies

Analogous

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



80.4790, -79.1800, -7.7560



97.7350, -32.3260, 13.1620



102.8380, 1.4170, 23.8890

Triad

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



97.7350, -32.3260, 13.1620



99.3400, 46.0770, 7.4610



81.7730, -45.7980, -29.0460

Complementary

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



97.7350, -32.3260, 13.1620



133.2650, 32.3260, -13.1620

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.



91.5960, -5.6350, -24.5390



97.7350, -32.3260, 13.1620



97.7760, 38.3770, -7.1830

Square

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



97.7350, -32.3260, 13.1620



99.9890, 43.2320, 20.4800



95.6440, 20.7730, -18.5470



79.8000, -67.6230, -24.4790

Rectangle

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



97.7350, -32.3260, 13.1620



102.5860, 19.8020, 26.6020



95.6440, 20.7730, -18.5470



86.9230, -28.6050, -26.7570

Sweetspot

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



97.7350, -32.3260, 13.1620



180.6320, -13.3430, 5.0330



129.0450, -40.5720, -24.6360



88.1010, -7.4740, 3.2940



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



97.7350, -32.3260, 13.1620



112.9090, -50.0710, 20.8810



89.0180, -16.4650, 28.5830



73.0860, -3.1180, 1.4420



40.3690, -57.1780, 23.0300



4.0580, -5.9150, 2.5730

Inverse Universe

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



101.8410, 40.8930, 24.3250



119.6640, 63.8610, 37.5970



141.9820, 16.4650, -28.5830



73.6200, 4.1260, 2.3180



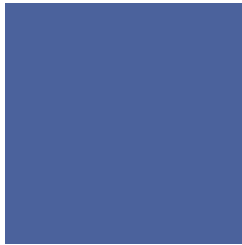
47.4310, 72.0670, 43.0670



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 97.7350, -32.3260, 13.1620 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 97.7350, -32.3260, 13.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

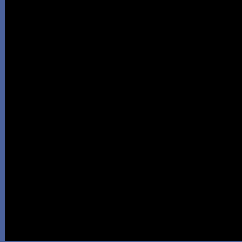
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.7350, -32.3260, 13.1620

Background



This preview shows how black text looks on a background with the YIQ color 97.7350, -32.3260, 13.1620.



This preview shows how white text looks on a background with the YIQ color 97.7350, -32.3260,

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

97.7350, -32.3260, 13.1620

Protanopia

97.9310, -29.9420, 14.0100

Deuteranopia

96.5280, -36.1770, 11.3670



Tritanopia

93.5710, -29.7090, -6.7410

Trichromacy



Original Color

97.7350, -32.3260, 13.1620

Protanomaly

97.6320, -30.5380, 13.7980

Deuteranomaly

97.1260, -34.9850, 11.7910

Tritanomaly

95.0150, -30.7190, 0.5530

Monochromacy



Original Color

97.7350, -32.3260, 13.1620

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0020, -11.5090, 4.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.7350, -32.3260, 13.1620 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(75, 98, 156)` looks like.

```
.text, #text, p{  
    color:rgb(75, 98, 156)  
}
```

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(75, 98, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 98, 156) }
```

Border

The CSS property to change the border of an element to YIQ 97.7350, -32.3260, 13.1620 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(75, 98, 156) }
```


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

```
.border{ border-color:rgb(75, 98, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 98, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 98, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 98, 156);  
box-shadow:4px 4px 4px 4px rgb(75, 98,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 97.7350, -32.3260, 13.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 98, 156) }
```

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

```
.background{ background-color: rgb(75, 98,  
156) }
```

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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