

Converting Colors

YIQ(150.6240, -1.6970, 3.2230)

Have a look what the booklet for
YIQ(150.6240, -1.6970, 3.2230)
contains.

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Color

**YIQ(150.6240, -1.6970,
3.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	97959E
RGB	151, 149, 158
RGB Percent	59%, 58%, 62%
CMY	0.4078, 0.4157, 0.3804
CMYK	0.04, 0.06, 0.00, 0.38
HSL	253°, 4%, 60%
HSV	253°, 6%, 62%
XYZ	29.6816, 30.5427, 36.6771
YIQ	150.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

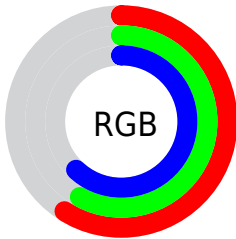
Format	Color
R _Y B	151, 149, 158
Decimal	9934238
CIE Lab	62.12, 2.50, -4.47
CIE LCh	62, 5.121, 299.232
Yxy	30.5427, 0.3063, 0.3152
Android (android.graphics.Color)	4288124318 (0xFF97959E)
YUV	150.6240, 3.6364, 0.3298
Hunter-Lab	55.2654, -0.8471, -0.6622

Details

The YIQ color $150.6240, -1.6970, 3.2230$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $156.3760, 1.6970, -3.2230$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $204.7380, -2.0180, 3.5340$, and $99.6240, -1.6970, 3.2230$ is the 20% darker color. If you saturate the color by 10%, you get $137.6440, -4.4490, 9.0470$, and if you desaturate by 10%, it is $163.6040, 1.0550, -2.6010$.

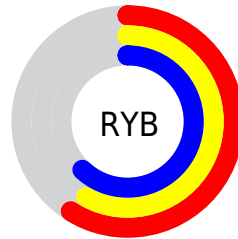
Distribution



Red (59%)

Green (58%)

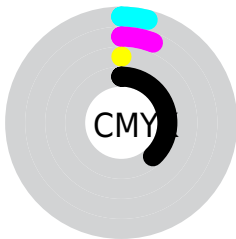
Blue (62%)



Red (59%)

Yellow (58%)

Blue (62%)

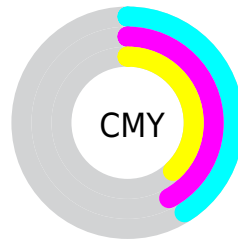


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.6240, -1.6970, 3.2230 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 150.6240, -1.6970, 3.2230 by changing the saturation by 10% instead.

■ 150.6240, -1.6970,
3.2230

■ 150.6240, -1.6970,
3.2230

■ 255.0000, -0.0000,
-0.0000

■ 124.6240, -1.6970,
3.2230

■ 204.7380, -2.0180,
3.5340

■ 99.6240, -1.6970,
3.2230

■ 232.7380, -2.0180,
3.5340

■ 76.2110, -1.9720,
2.7000

■ 53.5100, -1.3760,
2.9120

■ 32.0970, -1.6510,
2.3890

■ 8.1510, -1.7430,
4.0570

■ 0.0000, 0.0000,

0.0000

■ 150.6240, -1.6970,
3.2230

■ 150.6240, -1.6970,
3.2230

■ 137.6440, -4.4490,
9.0470

■ 163.6040, 1.0550,
-2.6010

■ 124.3650, -7.7970,
14.6590

■ 176.8830, 4.4030,
-8.2130

■ 111.9720,
-10.8240, 19.9600

■ 189.2760, 7.4300,
-13.5140

■ 98.9920, -13.5760,
25.7840

■ 202.2560, 10.1820,
-19.3380

■ 86.0120, -16.3280,
31.6080

■ 215.2360, 12.9340,
-25.1620

■ 72.7330, -19.6760,
37.2200

■ 228.5150, 16.2820,
-30.7740

■ 59.7530, -22.4280,
43.0440

■ 238.5600, 20.4090,
-33.9830

■ 47.3600, -25.4550,
48.3450

■ 242.1480, 27.5610,
-31.4390

■ 34.0810, -28.8030,
53.9570

■ 243.9420, 31.1370,
-30.1670

Harmonies

Analogous

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



150.1180, -6.1440, 1.2160



150.6240, -1.6970, 3.2230



151.1900, 2.5210, 3.8730

Triad

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



150.6240, -1.6970, 3.2230



150.3060, 7.8860, 0.2540



148.7710, -6.7850, -3.6890

Complementary

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



150.6240, -1.6970, 3.2230



156.3760, 1.6970, -3.2230

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.



148.8100, -2.5210, -3.8730



150.6240, -1.6970, 3.2230



150.1700, 5.2730, -1.9510

Square

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



150.6240, -1.6970, 3.2230



150.7730, 8.0690, 2.4450



149.3760, 1.6970, -3.2230



148.9280, -8.6650, -2.6570

Rectangle

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



150.6240, -1.6970, 3.2230



151.1580, 5.5470, 4.0990



149.3760, 1.6970, -3.2230



148.8420, -5.5470, -4.0990

Sweetspot

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



150.6240, -1.6970, 3.2230



202.8690, -1.0090, 1.7670



154.1350, -4.8140, -0.8620



102.6410, -0.3670, 1.1450



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



150.6240, -1.6970, 3.2230



194.6070, -3.0270, 5.3010



151.8200, 0.6870, 4.0710



73.9830, -1.3300, 2.0780



25.8700, -26.8310, 51.2570



2.6070, -3.0270, 5.3010

Inverse Universe

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



152.4890, 3.1170, 4.0850



197.7390, 5.4090, 6.6010



155.1800, -0.6870, -4.0710



75.3640, 1.9710, 2.8270



55.4110, 49.5970, 64.8370



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 150.6240, -1.6970, 3.2230 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 150.6240, -1.6970, 3.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

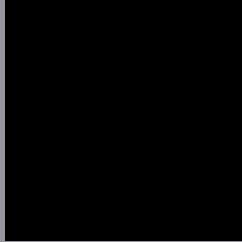
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.6240, -1.6970, 3.2230

Background



This preview shows how black text looks on a background with the YIQ color 150.6240, -1.6970, 3.2230.



This preview shows how white text looks on a background with the YIQ color 150.6240, -1.6970,

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

150.6240, -1.6970, 3.2230

Protanopia

150.3250, -2.2930, 3.0110

Deuteranopia

151.9670, 4.7670, 7.2230



Tritanopia

150.8520, -2.3390, 3.8450

Trichromacy



Original Color

150.6240, -1.6970, 3.2230

Protanomaly

150.3250, -2.2930, 3.0110

Deuteranomaly

151.3580, 2.1080, 5.8520

Tritanomaly

150.7380, -2.0180, 3.5340

Monochromacy



Original Color

150.6240, -1.6970, 3.2230

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6240, -1.6970, 3.2230 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(151, 149, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 158)  
}
```

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(151, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 158) }
```

Border

The CSS property to change the border of an element to YIQ 150.6240, -1.6970, 3.2230 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(151, 149, 158) }
```


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

```
.border{ border-color:rgb(151, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6240, -1.6970, 3.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 158) }
```

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

```
.background{ background-color: rgb(151,  
149, 158) }
```

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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