

Converting Colors

YIQ(150.5880, 7.1520, 2.5440)

Have a look what the booklet for
YIQ(150.5880, 7.1520, 2.5440)
contains.

YIQ(150.5880, 7.1520, 2.5440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(150.5880, 7.1520,
2.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9393
RGB	159, 147, 147
RGB Percent	62%, 58%, 58%
CMY	0.3764, 0.4235, 0.4235
CMYK	0.00, 0.08, 0.08, 0.38
HSL	360°, 6%, 60%
HSV	360°, 8%, 62%
XYZ	29.9995, 30.3444, 31.8826
YIQ	150.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

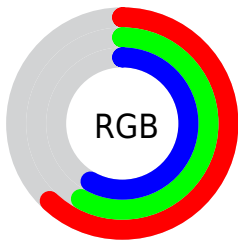
Format	Color
R_{YB}	159, 147, 147
Decimal	10458003
CIE Lab	61.95, 4.44, 1.59
CIE LCh	62, 4.714, 19.684
Yxy	30.3444, 0.3253, 0.3290
Android (android.graphics.Color)	4288648083 (0xFF9F9393)
YUV	150.5880, -1.7689, 4.2440
Hunter-Lab	55.0857, 0.8105, 4.2440

Details

The YIQ color **150.5880, 7.1520, 2.5440** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.4120, -7.1520, -2.5440**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8870, 7.7480, 2.7560**, and **99.7020, 6.8310, 2.8550** is the 20% darker color. If you saturate the color by 10%, you get **139.3720, 16.6880, 5.9360**, and if you desaturate by 10%, it is **161.8040, -2.3840, -0.8480**.

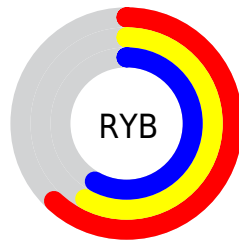
Distribution



Red (62%)

Green (58%)

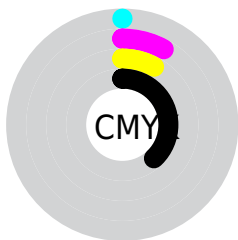
Blue (58%)



Red (62%)

Yellow (58%)

Blue (58%)

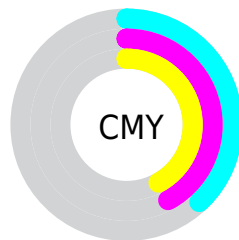


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.5880, 7.1520, 2.5440 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 150.5880, 7.1520, 2.5440 by changing the saturation by 10% instead.

■ 150.5880, 7.1520,
2.5440

■ 150.5880, 7.1520,
2.5440

■ 255.0000, -0.0000,
-0.0000

■ 124.5880, 7.1520,
2.5440

■ 204.8870, 7.7480,
2.7560

■ 99.7020, 6.8310,
2.8550

■ 232.8870, 7.7480,
2.7560

■ 75.9900, 5.9600,
2.1200

■ 52.9900, 5.9600,
2.1200

■ 31.6910, 5.3640,
1.9080

■ 8.0720, 8.6650,
2.6570

■ 0.0000, 0.0000,

0.0000

150.5880, 7.1520,
2.5440

150.5880, 7.1520,
2.5440

139.3720, 16.6880,
5.9360

161.8040, -2.3840,
-0.8480

128.1560, 26.2240,
9.3280

173.0200,
-11.9200, -4.2400

116.9400, 35.7600,
12.7200

184.2360,
-21.4560, -7.6320

105.7240, 45.2960,
16.1120

195.4520,
-30.9920, -11.0240

94.6220, 54.5110,
19.8150

206.5540,
-40.2070, -14.7270

83.9930, 63.7720,
22.6840

217.1830,
-49.4680, -17.5960

■ 72.7770, 73.3080,
26.0760

■ 226.2960,
-57.2160, -20.3520

■ 61.5610, 82.8440,
29.4680

■ 50.3450, 92.3800,
32.8600

Harmonies

Analogous

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



150.7450, 5.2720, 3.5760



150.5880, 7.1520, 2.5440



150.4200, 7.5650, 0.5650

Triad

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



150.5880, 7.1520, 2.5440



148.4080, -1.3290, -3.4490



149.1180, -6.1440, 1.2160

Complementary

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



150.5880, 7.1520, 2.5440



155.4120, -7.1520, -2.5440

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.



149.1670, -7.8400, -1.0880



150.5880, 7.1520, 2.5440



148.2550, -5.2720, -3.5760

Square

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



150.5880, 7.1520, 2.5440



149.0880, 2.5680, -2.4880



148.4120, -7.1520, -2.5440



149.9120, -2.5680, 2.4880

Rectangle

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



150.5880, 7.1520, 2.5440



149.7080, 6.6940, -0.1700



148.4120, -7.1520, -2.5440



149.2920, -6.6940, 0.1700

Sweetspot

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



150.5880, 7.1520, 2.5440



203.4950, 2.9800, 1.0600



151.9560, 3.3000, 6.2760



102.8970, 1.7880, 0.6360



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.



150.5880, 7.1520, 2.5440



193.6810, 11.3240, 4.0280



154.1100, 5.5020, -0.5940



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Inverse Universe

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



150.5880, 7.1520, 2.5440



193.6810, 11.3240, 4.0280



151.8900, -5.5020, 0.5940



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Previews

White Background



This preview shows how the YIQ color 150.5880, 7.1520, 2.5440 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 150.5880, 7.1520, 2.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

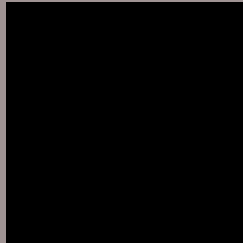
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.5880, 7.1520, 2.5440

Background



This preview shows how black text looks on a background with the YIQ color 150.5880, 7.1520, 2.5440.



This preview shows how white text looks on a background with the YIQ color 150.5880, 7.1520,

2.5440.

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

150.5880, 7.1520, 2.5440

Protanopia

150.0820, 2.7050, 0.5370

Deuteranopia

151.2080, 11.2780, 4.8620



Tritanopia

150.8530, 5.0880, 6.9120

Trichromacy



Original Color

150.5880, 7.1520, 2.5440

Protanomaly

150.0930, 4.1720, 1.4840

Deuteranomaly

151.1970, 9.8110, 3.9150

Tritanomaly

150.9840, 6.0970, 5.1450

Monochromacy



Original Color

150.5880, 7.1520, 2.5440

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5880, 7.1520, 2.5440 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(159, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 147)  
}
```

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(159, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 147) }
```

Border

The CSS property to change the border of an element to YIQ 150.5880, 7.1520, 2.5440 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(159, 147, 147) }
```


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

```
.border{ border-color:rgb(159, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5880, 7.1520, 2.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 147) }
```

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

```
.background{ background-color: rgb(159,  
147, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor