

Converting Colors

YIQ(138.7900, -7.7960, 9.1320)

Have a look what the booklet for
YIQ(138.7900, -7.7960, 9.1320)
contains.

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Color

**YIQ(138.7900, -7.7960,
9.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	8987A3
RGB	137, 135, 163
RGB Percent	54%, 53%, 64%
CMY	0.4627, 0.4706, 0.3608
CMYK	0.16, 0.17, 0.00, 0.36
HSL	244°, 13%, 58%
HSV	244°, 17%, 64%
XYZ	25.5910, 25.2904, 38.1768
YIQ	138.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

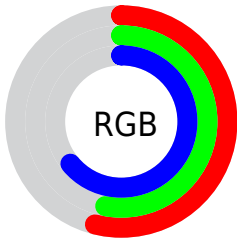
Format	Color
R_{YB}	137, 135, 163
Decimal	9013155
CIE _{Lab}	57.36, 6.67, -14.55
CIE _{LCh}	57, 16.007, 294.621
Yxy	25.2904, 0.2874, 0.2840
Android (android.graphics.Color)	4287203235 (0xFF8987A3)
YUV	138.7900, 11.9355, -1.5698
Hunter-Lab	50.2896, 2.8269, -9.8066

Details

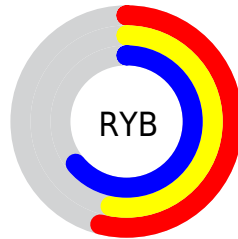
The YIQ color $138.7900, -7.7960, 9.1320$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $159.2100, 7.7960, -9.1320$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.3170, -7.8420, 9.9660$, and $88.5620, -7.1540, 8.5100$ is the 20% darker color. If you saturate the color by 10%, you get $124.9130, -12.3360, 14.3200$, and if you desaturate by 10%, it is $152.6670, -3.2560, 3.9440$.

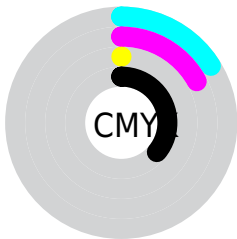
Distribution



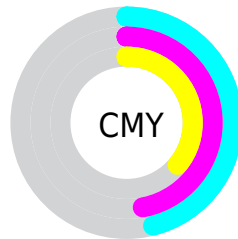
- Red (54%)
- Green (53%)
- Blue (64%)



- Red (54%)
- Yellow (53%)
- Blue (64%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7900, -7.7960, 9.1320 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 138.7900, -7.7960, 9.1320 by changing the saturation by 10% instead.

■ 138.7900, -7.7960,
9.1320

■ 138.7900, -7.7960,
9.1320

■ 255.0000, -0.0000,
-0.0000

■ 113.3770, -8.0710,
8.6090

■ 192.3170, -7.8420,
9.9660

■ 88.5620, -7.1540,
8.5100

■ 220.0180, -8.4380,
9.7540

■ 65.1490, -7.4290,
7.9870

■ 246.1510, -1.7430,
4.0570

■ 42.9210, -6.7870,
7.3650

■ 22.3940, -6.7410,
6.5310

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,

0.0000

■ 138.7900, -7.7960,
9.1320

■ 138.7900, -7.7960,
9.1320

■ 124.9130,
-12.3360, 14.3200

■ 152.6670, -3.2560,
3.9440

■ 110.4490,
-16.6010, 20.0310

■ 167.1310, 1.0090,
-1.7670

■ 96.5720, -21.1410,
25.2190

■ 181.0080, 5.5490,
-6.9550

■ 82.3960, -26.2770,
30.1950

■ 195.1840, 10.6850,
-11.9310

■ 68.5190, -30.8170,
35.3830

■ 209.0610, 15.2250,
-17.1190

■ 54.0550, -35.0820,
41.0940

■ 223.5250, 19.4900,
-22.8300

■ 40.1780, -39.6220,
46.2820

■ 237.4020, 24.0300,
-28.0180

■ 26.3010, -44.1620,
51.4700

■ 244.5120, 29.5320,
-28.6120

■ 22.1700, -45.1710,
53.2370

Harmonies

Analogous

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



136.5710, -20.5410, 3.3230



138.7900, -7.7960, 9.1320



140.4990, 6.3250, 12.0290

Triad

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



138.7900, -7.7960, 9.1320



138.4450, 23.6120, 1.5960



133.0850, -19.7130, -11.6890

Complementary

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



138.7900, -7.7960, 9.1320



159.2100, 7.7960, -9.1320

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.



134.2020, -6.9210, -12.2410



138.7900, -7.7960, 9.1320



137.5210, 17.2860, -4.9060

Square

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



138.7900, -7.7960, 9.1320



139.5470, 23.5650, 7.9570



135.6120, 6.6040, -9.5560



132.5880, -28.3790, -8.8190

Rectangle

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



138.7900, -7.7960, 9.1320



140.3920, 13.9360, 11.7600



135.6120, 6.6040, -9.5560



133.1240, -15.4490, -11.8730

Sweetspot

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



138.7900, -7.7960, 9.1320



202.5530, -2.9350, 3.6330



153.4540, -16.1380, -4.8900



101.6840, -1.9260, 1.8660



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



138.7900, -7.7960, 9.1320



173.0270, -12.6570, 14.6310



142.9760, 0.5480, 12.1000



74.3250, -2.2930, 3.0110



19.5200, -40.5850, 47.2150



2.3510, -5.1820, 5.8100

Inverse Universe

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



146.3360, 8.3420, 14.0220



185.1290, 13.6590, 22.2910



155.0240, -0.5480, -12.1000



76.6030, 2.7960, 4.3960



58.7450, 43.0850, 72.7250



7.3200, 5.2710, 9.1030

Previews

White Background



This preview shows how the YIQ color 138.7900, -7.7960, 9.1320 looks on a white 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

Black Background



This preview shows how the YIQ color 138.7900, -7.7960, 9.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

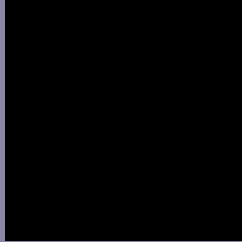
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.7900, -7.7960, 9.1320

Background



This preview shows how black text looks on a background with the YIQ color 138.7900, -7.7960, 9.1320.



This preview shows how white text looks on a background with the YIQ color 138.7900, -7.7960,

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

138.7900, -7.7960, 9.1320

Protanopia

137.9960, -11.3720, 7.8600

Deuteranopia

138.8010, -6.3290, 10.0790



Tritanopia

137.9440, -5.5940, 2.2620

Trichromacy



Original Color

138.7900, -7.7960, 9.1320

Protanomaly

138.5940, -10.1800, 8.2840

Deuteranomaly

138.5020, -6.9250, 9.8670

Tritanomaly

138.2260, -6.3280, 4.5520

Monochromacy



Original Color

138.7900, -7.7960, 9.1320

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1400, -3.2100, 3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7900, -7.7960, 9.1320 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(137, 135, 163)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 163)  
}
```

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(137, 135, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 163) }
```

Border

The CSS property to change the border of an element to YIQ 138.7900, -7.7960, 9.1320 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(137, 135, 163) }
```


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

```
.border{ border-color:rgb(137, 135, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 135, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 163);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7900, -7.7960, 9.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 163) }
```

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

```
.background{ background-color: rgb(137,  
135, 163) }
```

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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