

Converting Colors

YIQ(128.9200, 21.3170, 15.6610)

Have a look what the booklet for
YIQ(128.9200, 21.3170, 15.6610)
contains.

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Color

**YIQ(128.9200, 21.3170,
15.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7184
RGB	159, 113, 132
RGB Percent	62%, 44%, 52%
CMY	0.3763, 0.5569, 0.4823
CMYK	0.00, 0.29, 0.17, 0.38
HSL	335°, 19%, 53%
HSV	335°, 29%, 62%
XYZ	24.3733, 20.8465, 24.5754
YIQ	128.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

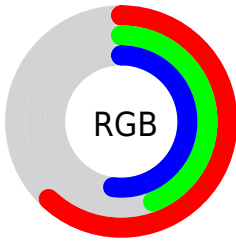
Format	Color
R_{YB}	159, 113, 132
Decimal	10449284
CIE _{Lab}	52.78, 21.19, -3.18
CIE _{LCh}	53, 21.427, 351.458
Yxy	20.8465, 0.3492, 0.2987
Android (android.graphics.Color)	4288639364 (0xFF9F7184)
YUV	128.9200, 1.5184, 26.3802
Hunter-Lab	45.6579, 15.3860, 0.0478

Details

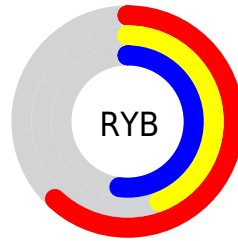
The YIQ color **128.9200, 21.3170, 15.6610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.0800, -21.3170, -15.6610**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9310, 22.7840, 16.6080**, and **79.0230, 19.5290, 15.0250** is the 20% darker color. If you saturate the color by 10%, you get **118.5020, 28.6060, 21.2300**, and if you desaturate by 10%, it is **139.3380, 14.0280, 10.0920**.

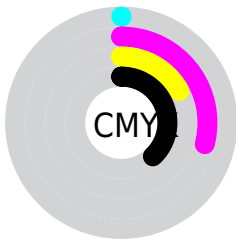
Distribution



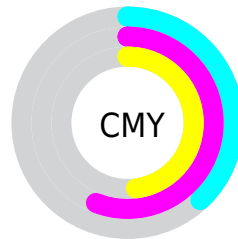
- Red (62%)
- Green (44%)
- Blue (52%)



- Red (62%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9200, 21.3170, 15.6610 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 128.9200, 21.3170, 15.6610 by changing the saturation by 10% instead.

■ 128.9200, 21.3170,
15.6610

■ 128.9200, 21.3170,
15.6610

■ 255.0000, -0.0000,
-0.0000

■ 103.3220, 20.1250,
15.2370

■ 181.9310, 22.7840,
16.6080

■ 79.0230, 19.5290,
15.0250

■ 209.6430, 23.6550,
17.3430

■ 56.0120, 18.0620,
14.0780

■ 232.8590, 14.1190,
13.9510

■ 33.4140, 16.8700,
13.6540

■ 251.4780, 1.6500,
3.1380

■ 13.0010, 16.5950,
13.1310

■ 0.0000, 0.0000,
0.0000

128.9200, 21.3170,
15.6610

128.9200, 21.3170,
15.6610

118.5020, 28.6060,
21.2300

139.3380, 14.0280,
10.0920

107.9700, 36.2160,
26.4880

149.8700, 6.4180,
4.8340

97.5520, 43.5050,
32.0570

160.2880, -0.8710,
-0.7350

87.1340, 50.7940,
37.6260

170.7060, -8.1600,
-6.3040

76.6020, 58.4040,
42.8840

181.2380,
-15.7700, -11.5620

66.7710, 65.4180,
47.9300

191.0690,
-22.7840, -16.6080

56.3530, 72.7070,
53.4990


201.4870,
-30.0730, -22.1770

55.0650, 73.5780,

212.0190,

54.2340

-37.6830, -27.4350

 221.8500,
-44.6970, -32.4810

Harmonies

Analogous

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



128.7210, 5.8200, 15.6760



128.9200, 21.3170, 15.6610



127.9500, 29.8000, 10.6000

Triad

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



128.9200, 21.3170, 15.6610



123.7710, 10.4100, -12.4540



118.6390, -41.5840, -6.2880

Complementary

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



128.9200, 21.3170, 15.6610



143.0800, -21.3170, -15.6610

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.



116.9070, -39.7030, -12.8470



128.9200, 21.3170, 15.6610



120.9090, -7.6540, -15.4780

Square

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



128.9200, 21.3170, 15.6610



125.5170, 23.1090, -5.8110



118.6280, -25.8560, -16.0000



122.8950, -30.2610, 3.2670

Rectangle

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



128.9200, 21.3170, 15.6610



127.2720, 31.5890, 5.7090



118.6280, -25.8560, -16.0000



117.8730, -42.3630, -8.6910

Sweetspot

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



128.9200, 21.3170, 15.6610



194.5930, 8.7560, 6.5160



126.3170, 1.3260, 20.0300



97.1580, 5.5470, 4.0990



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.



128.9200, 21.3170, 15.6610



159.2470, 33.8780, 24.8060



129.1020, 26.3160, 7.6600



73.7340, 3.8050, 2.6290



49.4830, 66.2890, 48.6650



5.1690, 7.0140, 5.0460

Inverse Universe

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



128.9200, 21.3170, 15.6610



159.2470, 33.8780, 24.8060



142.8980, -26.3160, -7.6600



73.7340, 3.8050, 2.6290



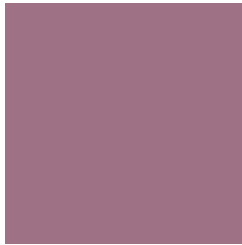
49.4830, 66.2890, 48.6650



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 128.9200, 21.3170, 15.6610 looks on a white background.

Color Contrast Check

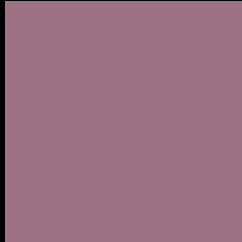
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9200, 21.3170, 15.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

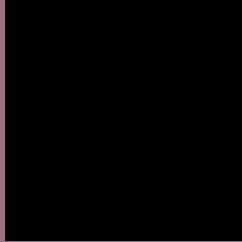
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.9200, 21.3170, 15.6610

Background



This preview shows how black text looks on a background with the YIQ color 128.9200, 21.3170, 15.6610.



This preview shows how white text looks on a background with the YIQ color 128.9200, 21.3170,

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

128.9200, 21.3170, 15.6610

Protanopia

126.7100, -4.8150, 4.6650

Deuteranopia

127.3970, 6.3720, 5.6680



Tritanopia

128.1820, 23.3350, 12.1270

Trichromacy



Original Color

128.9200, 21.3170, 15.6610

Protanomaly

127.6080, 4.4000, 8.3680

Deuteranomaly

128.1420, 11.6440, 9.2440

Tritanomaly

128.5240, 22.3720, 13.0600

Monochromacy



Original Color

128.9200, 21.3170, 15.6610

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9200, 21.3170, 15.6610 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, 113, 132)` looks like.

```
.text, #text, p{  
    color:rgb(159, 113, 132)  
}
```

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, 113, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 113, 132) }
```

Border

The CSS property to change the border of an element to YIQ 128.9200, 21.3170, 15.6610 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, 113, 132) }
```


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

```
.border{ border-color:rgb(159, 113, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 113, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 113, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 113, 132);  
box-shadow:4px 4px 4px 4px rgb(159, 113,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9200, 21.3170, 15.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 113, 132) }
```

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

```
.background{ background-color: rgb(159,  
113, 132) }
```

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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