

Converting Colors

YIQ(129.0340, 20.9960, 15.9720)

Have a look what the booklet for
YIQ(129.0340, 20.9960, 15.9720)
contains.

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Color

**YIQ(129.0340, 20.9960,
15.9720)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9F7185 |
| RGB | 159, 113, 133 |
| RGB Percent | 62%, 44%, 52% |
| CMY | 0.3763, 0.5569, 0.4784 |
| CMYK | 0.00, 0.29, 0.16, 0.38 |
| HSL | 334°, 19%, 53% |
| HSV | 334°, 29%, 62% |
| XYZ | 24.4421, 20.8740, 24.9374 |
| YIQ | 129.0340, 20.9960, 15.9720 |

Conversions

Conversions Part 2

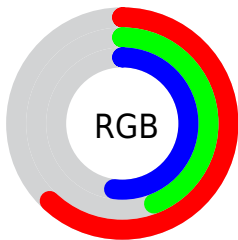
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 159, 113, 133 |
| Decimal | 10449285 |
| CIE _{Lab} | 52.81, 21.36, -3.73 |
| CIE _{LCh} | 53, 21.680, 350.105 |
| Yxy | 20.8740, 0.3479, 0.2971 |
| Android (android.graphics.Color) | 4288639365 (0xFF9F7185) |
| YUV | 129.0340, 1.9552, 26.2802 |
| Hunter-Lab | 45.6881, 15.5392, -0.3800 |

Details

The YIQ color $[129.0340, 20.9960, 15.9720]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[142.9660, -20.9960, -15.9720]$, and the grayscale version is $[129.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[182.0450, 22.4630, 16.9190]$, and $[79.1370, 19.2080, 15.3360]$ is the 20% darker color. If you saturate the color by 10%, you get $[118.6160, 28.2850, 21.5410]$, and if you desaturate by 10%, it is $[139.4520, 13.7070, 10.4030]$.

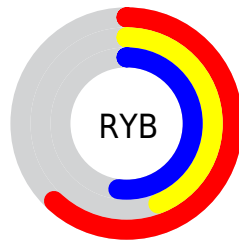
Distribution



Red (62%)

Green (44%)

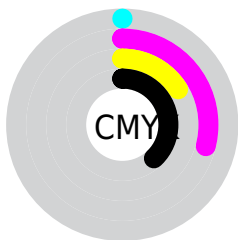
Blue (52%)



Red (62%)

Yellow (44%)

Blue (52%)

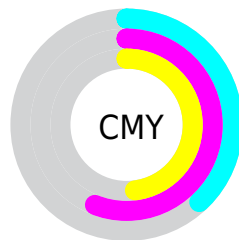


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.0340, 20.9960, 15.9720 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 129.0340, 20.9960, 15.9720 by changing the saturation by 10% instead.


 129.0340, 20.9960,
15.9720


 129.0340, 20.9960,
15.9720


255.0000, -0.0000,
-0.0000


 103.4360, 19.8040,
15.5480


 182.0450, 22.4630,
16.9190


 79.1370, 19.2080,
15.3360


 209.7570, 23.3340,
17.6540


 56.0120, 18.0620,
14.0780

 232.9730, 13.7980,
14.2620

 33.5280, 16.5490,
13.9650

 251.4780, 1.6500,
3.1380

 13.1150, 16.2740,
13.4420

 0.0000, 0.0000,
0.0000

129.0340, 20.9960,
15.9720

129.0340, 20.9960,
15.9720

118.6160, 28.2850,
21.5410

139.4520, 13.7070,
10.4030

108.1980, 35.5740,
27.1100

149.8700, 6.4180,
4.8340

97.7800, 42.8630,
32.6790

160.2880, -0.8710,
-0.7350

87.3620, 50.1520,
38.2480

170.7060, -8.1600,
-6.3040

76.9440, 57.4410,
43.8170

181.1240,
-15.4490, -11.8730

67.1130, 64.4550,
48.8630

190.9550,
-22.4630, -16.9190

56.6950, 71.7440,
54.4320


201.3730,
-29.7520, -22.4880

55.4070, 72.6150,

211.7910,

55.1670

-37.0410, -28.0570

 221.6220,
-44.0550, -33.1030

Harmonies

Analogous

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



128.8350, 5.4990, 15.9870



129.0340, 20.9960, 15.9720



128.3630, 30.0750, 11.1230

Triad

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



129.0340, 20.9960, 15.9720



123.7710, 10.4100, -12.4540



118.3400, -42.1800, -6.5000

Complementary

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



129.0340, 20.9960, 15.9720



142.9660, -20.9960, -15.9720

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.



116.7930, -39.3820, -13.1580



129.0340, 20.9960, 15.9720



121.0940, -6.7370, -15.5770

Square

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



129.0340, 20.9960, 15.9720



125.8160, 23.7050, -5.5990



118.8130, -24.9390, -16.0990



122.8840, -31.7280, 2.3200

Rectangle

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



129.0340, 20.9960, 15.9720



127.3860, 31.2680, 6.0200



118.8130, -24.9390, -16.0990



117.1610, -43.2340, -9.4260

Sweetspot

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



129.0340, 20.9960, 15.9720



194.5930, 8.7560, 6.5160



125.7190, 0.1340, 19.6060



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.



129.0340, 20.9960, 15.9720



159.4750, 33.2360, 25.4280



127.9280, 26.8660, 8.7060



73.8480, 3.4840, 2.9400



49.8250, 65.3260, 49.5980



5.2830, 6.6930, 5.3570

Inverse Universe

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



129.0340, 20.9960, 15.9720



159.4750, 33.2360, 25.4280



144.0720, -26.8660, -8.7060



73.8480, 3.4840, 2.9400



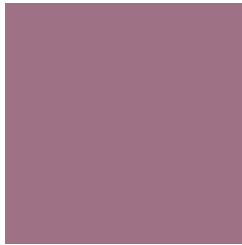
49.8250, 65.3260, 49.5980



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 129.0340, 20.9960, 15.9720 looks on a white background.

Color Contrast Check

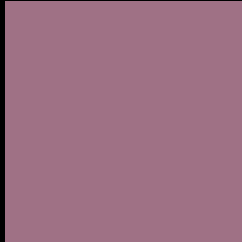
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0340, 20.9960, 15.9720 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 129.0340, 20.9960, 15.9720

Background



This preview shows how black text looks on a background with the YIQ color 129.0340, 20.9960, 15.9720.



This preview shows how white text looks on a background with the YIQ color 129.0340, 20.9960,

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

129.0340, 20.9960, 15.9720

Protanopia

126.5250, -5.7320, 4.7640

Deuteranopia

127.7990, 5.1800, 5.2440



Tritanopia

128.7690, 23.0600, 11.6040

Trichromacy



Original Color

129.0340, 20.9960, 15.9720

Protanomaly

127.7220, 4.0790, 8.6790

Deuteranomaly

127.9570, 10.7270, 9.3430

Tritanomaly

128.6380, 22.0510, 13.3710

Monochromacy



Original Color

129.0340, 20.9960, 15.9720

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 129.0340, 20.9960, 15.9720 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(159, 113, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 113, 133) }
```

Border

The CSS property to change the border of an element to YIQ 129.0340, 20.9960, 15.9720 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, 133) }
```


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

```
.border{ border-color:rgb(159, 113, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 113, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 113, 133);  
box-shadow:4px 4px 4px 4px rgb(159, 113,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 129.0340, 20.9960, 15.9720 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, 133) }
```

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

```
.background{ background-color: rgb(159,  
113, 133) }
```

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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