

Converting Colors

YIQ(135.7760, 13.1550, 20.4110)

Have a look what the booklet for
YIQ(135.7760, 13.1550, 20.4110)
contains.

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Color

**YIQ(135.7760, 13.1550,
20.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	A1779C
RGB	161, 119, 156
RGB Percent	63%, 47%, 61%
CMY	0.3685, 0.5334, 0.3882
CMYK	0.00, 0.26, 0.03, 0.37
HSL	307°, 18%, 55%
HSV	307°, 26%, 63%
XYZ	27.3003, 23.1703, 34.4886
YIQ	135.7760, 13.1550, 20.4110

Conversions

Conversions Part 2

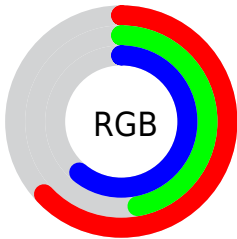
Format	Color
R_{YB}	161, 119, 156
Decimal	10581916
CIE _{Lab}	55.25, 22.80, -13.49
CIE _{LCh}	55, 26.491, 329.380
Yxy	23.1703, 0.3213, 0.2727
Android (android.graphics.Color)	4288771996 (0xFFA1779C)
YUV	135.7760, 9.9704, 22.1214
Hunter-Lab	48.1355, 16.9998, -8.7858

Details

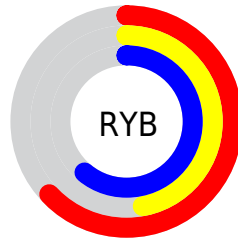
The YIQ color **135.7760, 13.1550, 20.4110** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.2240, -13.1550, -20.4110**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6020, 13.7050, 21.4570**, and **85.6510, 12.0090, 19.1530** is the 20% darker color. If you saturate the color by 10%, you get **126.1560, 18.1970, 28.1570**, and if you desaturate by 10%, it is **145.3960, 8.1130, 12.6650**.

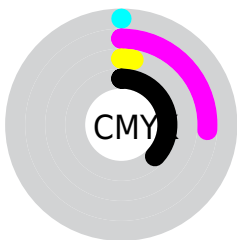
Distribution



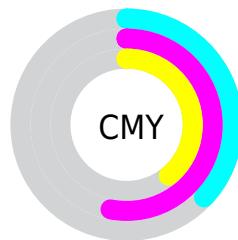
- Red (63%)
- Green (47%)
- Blue (61%)



- Red (63%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (37%)



- Cyan (37%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7760, 13.1550, 20.4110 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 135.7760, 13.1550, 20.4110 by changing the saturation by 10% instead.

■ 135.7760, 13.1550,
20.4110

■ 135.7760, 13.1550,
20.4110

■ 255.0000, -0.0000,
-0.0000

■ 110.3630, 12.8800,
19.8880

■ 189.6020, 13.7050,
21.4570

■ 85.6510, 12.0090,
19.1530

■ 217.3140, 14.5760,
22.1920

■ 61.9390, 11.1380,
18.4180

■ 238.5640, 7.7000,
14.6440

■ 39.2270, 10.2670,
17.6830

■ 16.6400, 10.5420,
18.2060

■ 1.4820, -4.1730,
4.0430

■ 0.0000, 0.0000,

0.0000

■ 135.7760, 13.1550,
20.4110

■ 135.7760, 13.1550,
20.4110

■ 126.1560, 18.1970,
28.1570

■ 145.3960, 8.1130,
12.6650

■ 116.5360, 23.2390,
35.9030

■ 155.0160, 3.0710,
4.9190

■ 106.9160, 28.2810,
43.6490

■ 164.6360, -1.9710,
-2.8270

■ 97.2960, 33.3230,
51.3950

■ 174.2560, -7.0130,
-10.5730

■ 87.0890, 38.6400,
59.6640

■ 184.4630,
-12.3300, -18.8420

■ 77.4690, 43.6820,
67.4100

■ 194.0830,
-17.3720, -26.5880

67.9630, 48.4030,
75.4670

203.5890,
-22.0930, -34.6450

64.3270, 50.3740,
78.2940

213.2090,
-27.1350, -42.3910

217.5460,
-29.7020, -45.4300

Harmonies

Analogous

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



134.5220, -9.6770, 15.6910



135.7760, 13.1550, 20.4110



135.4050, 30.2570, 18.8410

Triad

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



135.7760, 13.1550, 20.4110



131.2520, 25.1730, -10.1790



118.5290, -56.2540, -15.7580

Complementary

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



135.7760, 13.1550, 20.4110



144.2240, -13.1550, -20.4110

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.



121.2780, -39.6100, -20.0420



135.7760, 13.1550, 20.4110



128.5700, 6.4220, -17.2740

Square

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



135.7760, 13.1550, 20.4110



132.8500, 35.5330, 0.3090



125.5550, -15.5850, -20.4250



122.5930, -53.1380, -6.1460

Rectangle

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



135.7760, 13.1550, 20.4110



134.7660, 36.3100, 13.7660



125.5550, -15.5850, -20.4250



119.2150, -52.4940, -17.8220

Sweetspot

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



135.7760, 13.1550, 20.4110



198.7930, 5.3170, 8.2690



125.2830, -10.5020, 14.1220



98.3150, 3.6670, 5.1310



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.



135.7760, 13.1550, 20.4110



169.9330, 20.4430, 31.5070



133.3820, 19.8960, 13.8800



76.6030, 2.7960, 4.3960



57.9470, 45.3320, 70.5480



7.2060, 5.5920, 8.7920

Inverse Universe

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



135.7760, 13.1550, 20.4110



169.9330, 20.4430, 31.5070



146.6180, -19.8960, -13.8800



76.6030, 2.7960, 4.3960



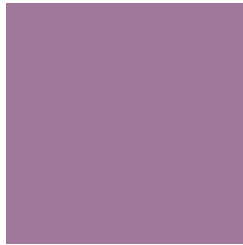
57.9470, 45.3320, 70.5480



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 135.7760, 13.1550, 20.4110 looks on a white background.

Color Contrast Check

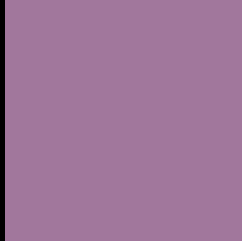
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7760, 13.1550, 20.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

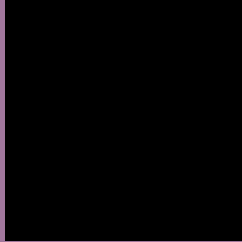
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7760, 13.1550, 20.4110

Background



This preview shows how black text looks on a background with the YIQ color 135.7760, 13.1550, 20.4110.



This preview shows how white text looks on a background with the YIQ color 135.7760, 13.1550,

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

135.7760, 13.1550, 20.4110

Protanopia

132.9680, -14.1690, 8.9910

Deuteranopia

133.6440, -4.4490, 9.0470



Tritanopia

134.6050, 17.6500, 10.5300

Trichromacy



Original Color

135.7760, 13.1550, 20.4110

Protanomaly

134.1650, -4.3580, 12.9060

Deuteranomaly

134.1010, 1.6940, 13.3580

Tritanomaly

135.2290, 15.9530, 13.7530

Monochromacy



Original Color

135.7760, 13.1550, 20.4110

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7760, 13.1550, 20.4110 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(161, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 156)  
}
```

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(161, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 156) }
```

Border

The CSS property to change the border of an element to YIQ 135.7760, 13.1550, 20.4110 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(161, 119, 156) }
```


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

```
.border{ border-color:rgb(161, 119, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 156);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7760, 13.1550, 20.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 156) }
```

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

```
.background{ background-color: rgb(161,  
119, 156) }
```

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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