

Converting Colors

YIQ(111.7710, 20.7190, 26.5030)

Have a look what the booklet for
YIQ(111.7710, 20.7190, 26.5030)
contains.

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Color

**YIQ(111.7710, 20.7190,
26.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	945986
RGB	148, 89, 134
RGB Percent	58%, 35%, 53%
CMY	0.4194, 0.6511, 0.4745
CMYK	0.00, 0.40, 0.09, 0.42
HSL	314°, 25%, 46%
HSV	314°, 40%, 58%
XYZ	20.0948, 15.1621, 24.4261
YIQ	111.7710, 20.7190, 26.5030

Conversions

Conversions Part 2

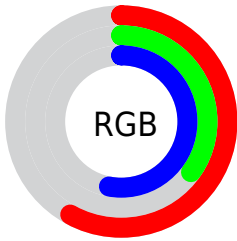
Format	Color
R _Y B	148, 89, 134
Decimal	9722246
CIE Lab	45.86, 31.25, -14.88
CIE LCh	46, 34.606, 334.540
Yxy	15.1621, 0.3367, 0.2540
Android (android.graphics.Color)	4287912326 (0xFF945986)
YUV	111.7710, 10.9589, 31.7728
Hunter-Lab	38.9386, 23.9748, -9.9356

Details

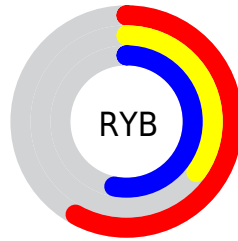
The YIQ color **111.7710, 20.7190, 26.5030** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.2290, -20.7190, -26.5030**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1950, 22.4610, 27.9730**, and **62.3470, 18.9770, 25.0330** is the 20% darker color. If you saturate the color by 10%, you get **102.5100, 26.1280, 33.1040**, and if you desaturate by 10%, it is **121.0320, 15.3100, 19.9020**.

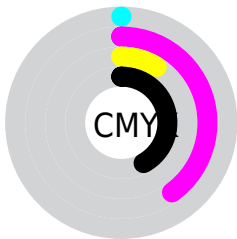
Distribution



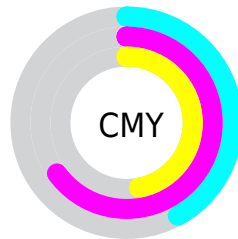
- Red (58%)
- Green (35%)
- Blue (53%)



- Red (58%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7710, 20.7190, 26.5030 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 111.7710, 20.7190, 26.5030 by changing the saturation by 10% instead.

■ 111.7710, 20.7190,
26.5030

■ 111.7710, 20.7190,
26.5030

■ 255.0000, -0.0000,
-0.0000

■ 87.0590, 19.8480,
25.7680

■ 164.1950, 22.4610,
27.9730

■ 62.3470, 18.9770,
25.0330

■ 191.9070, 23.3320,
28.7080

■ 38.1620, 18.0600,
25.1320

■ 218.4120, 20.3520,
27.6480

■ 18.4990, 15.4930,
22.0930

■ 236.2160, 8.8000,
16.7360

■ 8.6300, 7.3340,
10.2620

■ 253.2390, 0.8250,
1.5690

■ 0.0000, 0.0000,
0.0000

■ 111.7710, 20.7190,
26.5030

■ 111.7710, 20.7190,
26.5030

■ 102.5100, 26.1280,
33.1040

■ 121.0320, 15.3100,
19.9020

■ 93.3630, 31.2160,
40.0160

■ 130.1790, 10.2220,
12.9900

■ 84.6890, 36.3500,
46.0940

■ 138.8530, 5.0880,
6.9120

■ 75.5420, 41.4380,
53.0060

■ 148.0000, -0.0000,
0.0000

■ 66.2810, 46.8470,
59.6070

■ 157.2610, -5.4090,
-6.6010


■ 57.1340, 51.9350,
66.5190

■ 166.4080,
-10.4970, -13.5130

■ 175.6690,
-15.9060, -20.1140

■ 184.2290,

-20.7190, -26.5030

 193.4900,
-26.1280, -33.1040

Harmonies

Analogous

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



110.8800, -7.5690, 21.5430



111.7710, 20.7190, 26.5030



109.7160, 39.7470, 23.0670

Triad

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



111.7710, 20.7190, 26.5030



105.4600, 27.2830, -15.3810



87.6880, -78.8110, -19.9550

Complementary

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



111.7710, 20.7190, 26.5030



125.2290, -20.7190, -26.5030

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.



84.9690, -69.7770, -29.4970



111.7710, 20.7190, 26.5030



102.3260, 3.9930, -22.8150

Square

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



111.7710, 20.7190, 26.5030



107.5640, 42.0900, -2.8860



96.3360, -28.3300, -26.2340



87.5060, -83.8100, -11.9540

Rectangle

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



111.7710, 20.7190, 26.5030



109.0230, 45.8920, 16.3240



96.3360, -28.3300, -26.2340



87.2490, -76.1970, -23.2770

Sweetspot

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



111.7710, 20.7190, 26.5030



176.9290, 7.9300, 10.4740



99.9120, -10.5950, 21.3170



88.4400, 4.8130, 6.3890



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



111.7710, 20.7190, 26.5030



134.4880, 32.3620, 41.2740



108.4650, 30.0280, 17.4840



69.6630, 2.5670, 3.0390



53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Inverse Universe

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



111.7710, 20.7190, 26.5030



134.4880, 32.3620, 41.2740



128.5350, -30.0280, -17.4840



69.6630, 2.5670, 3.0390



53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 111.7710, 20.7190, 26.5030 looks on a white background.

Color Contrast Check

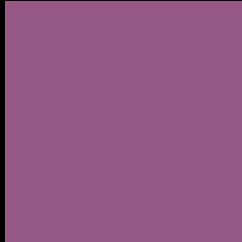
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.7710, 20.7190, 26.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

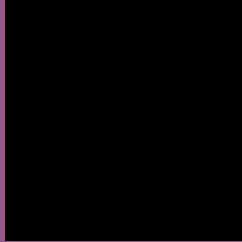
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7710, 20.7190, 26.5030

Background



This preview shows how black text looks on a background with the YIQ color 111.7710, 20.7190, 26.5030.



This preview shows how white text looks on a background with the YIQ color 111.7710, 20.7190,

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

111.7710, 20.7190, 26.5030

Protanopia

109.5700, -18.8000, 10.3200

Deuteranopia

110.3340, -6.5120, 7.8880



Tritanopia

110.5630, 26.6360, 12.8760

Trichromacy



Original Color

111.7710, 20.7190, 26.5030

Protanomaly

110.2730, -4.5420, 16.2420

Deuteranomaly

110.5250, 3.4360, 14.8280

Tritanomaly

110.9420, 24.2510, 17.5550

Monochromacy



Original Color

111.7710, 20.7190, 26.5030

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1030, 7.3800, 9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7710, 20.7190, 26.5030 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(148, 89, 134)` looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 134)  
}
```

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(148, 89, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 134) }
```

Border

The CSS property to change the border of an element to YIQ 111.7710, 20.7190, 26.5030 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(148, 89, 134) }
```


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

```
.border{ border-color:rgb(148, 89, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 89, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 89, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 89, 134); box-shadow:4px 4px 4px 4px rgb(148, 89, 134) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7710, 20.7190, 26.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 134) }
```

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

```
.background{ background-color: rgb(148, 89,  
134) }
```

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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