

Converting Colors

YIQ(105.7690, -20.4980,
19.0700)

Have a look what the booklet for
YIQ(105.7690, -20.4980, 19.0700)
contains.

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Color

**YIQ(105.7690, -20.4980,
19.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	6263A1
RGB	98, 99, 161
RGB Percent	38%, 39%, 63%
CMY	0.6156, 0.6118, 0.3688
CMYK	0.39, 0.38, 0.00, 0.37
HSL	239°, 25%, 51%
HSV	239°, 39%, 63%
XYZ	15.9300, 14.0930, 35.5836
YIQ	105.7690, -20.4980, 19.0700

Conversions

Conversions Part 2

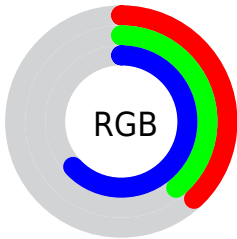
Format	Color
R_{YB}	98, 99, 161
Decimal	6448033
CIE _{Lab}	44.37, 15.48, -33.68
CIE _{LCh}	44, 37.067, 294.677
Yxy	14.0930, 0.2428, 0.2148
Android (android.graphics.Color)	4284638113 (0xFF6263A1)
YUV	105.7690, 27.2289, -6.8134
Hunter-Lab	37.5407, 10.0485, -29.9206

Details

The YIQ color **105.7690, -20.4980, 19.0700** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.2310, 20.4980, -19.0700**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.8230, -20.5900, 20.7380**, and **57.5900, -21.5520, 16.1440** is the 20% darker color. If you saturate the color by 10%, you get **91.5930, -25.6340, 24.0460**, and if you desaturate by 10%, it is **119.9450, -15.3620, 14.0940**.

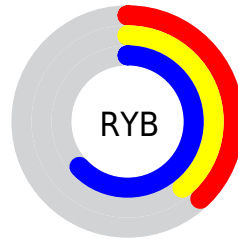
Distribution



Red (38%)

Green (39%)

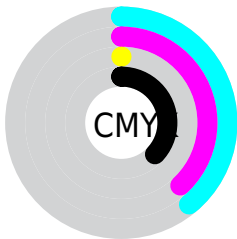
Blue (63%)



Red (38%)

Yellow (39%)

Blue (63%)

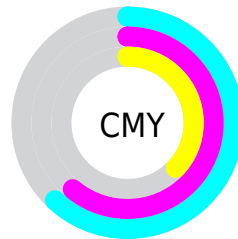


Cyan (39%)

Magenta (38%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (61%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.7690, -20.4980, 19.0700 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 105.7690, -20.4980, 19.0700 by changing the saturation by 10% instead.

■ 105.7690,
-20.4980, 19.0700

■ 105.7690,
-20.4980, 19.0700

■ 255.0000, -0.0000,
-0.0000

■ 80.9430, -21.0480,
18.0240

■ 157.8230,
-20.5900, 20.7380

■ 57.5900, -21.5520,
16.1440

■ 184.7630,
-20.3610, 22.0950

■ 34.0410, -24.4400,
13.4160

■ 210.7110,
-14.5830, 16.4970

■ 12.2370, -22.0560,
14.2640

■ 235.5190, -5.5950,
7.7890

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 105.7690,
-20.4980, 19.0700

■ 105.7690,
-20.4980, 19.0700

■ 91.5930, -25.6340,
24.0460

■ 119.9450,
-15.3620, 14.0940

■ 77.4170, -30.7700,
29.0220

■ 134.1210,
-10.2260, 9.1180

■ 63.2410, -35.9060,
33.9980

■ 148.2970, -5.0900,
4.1420

■ 49.6520, -41.3170,
38.4510

■ 161.8860, 0.3210,
-0.3110

■ 35.4760, -46.4530,
43.4270

■ 176.0620, 5.4570,
-5.2870

■ 21.0010, -52.1850,
48.1910

■ 190.5370, 11.1890,
-10.0510

■ 20.1150, -52.5060,
48.5020

■ 204.7130, 16.3250,
-15.0270

■ 218.8890, 21.4610,
-20.0030

■ 233.0650, 26.5970,
-24.9790

Harmonies

Analogous

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



91.2680, -68.0400, -0.3920



105.7690, -20.4980, 19.0700



108.4050, 13.0620, 27.6060

Triad

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



105.7690, -20.4980, 19.0700



103.9500, 46.9950, 1.8350



81.6120, -64.4580, -32.2820

Complementary

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



105.7690, -20.4980, 19.0700



153.2310, 20.4980, -19.0700

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.



94.3710, -18.2430, -27.3230



105.7690, -20.4980, 19.0700



102.2330, 35.3520, -12.9360

Square

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



105.7690, -20.4980, 19.0700



105.2190, 48.2760, 17.1720



99.4040, 12.5210, -23.1830



85.2600, -74.7300, -22.3300

Rectangle

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



105.7690, -20.4980, 19.0700



107.5010, 30.3470, 28.2270



99.4040, 12.5210, -23.1830



84.6690, -51.4370, -31.4770

Sweetspot

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



105.7690, -20.4980, 19.0700



186.8500, -8.0250, 7.7750



142.0490, -37.2270, -13.6670



91.7100, -4.8150, 4.6650



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.



105.7690, -20.4980, 19.0700



122.7590, -31.7330, 29.9550



114.1520, -2.3430, 25.9530



74.6130, -3.1640, 2.2760



17.7040, -47.0950, 44.0490



2.0520, -5.7780, 5.5980

Inverse Universe

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



116.9510, 37.2270, 13.6670



140.4160, 58.0870, 21.0870



144.8480, 2.3430, -25.9530



75.8050, 5.0430, 2.2190



43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 105.7690, -20.4980, 19.0700 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 105.7690, -20.4980, 19.0700 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 105.7690, -20.4980, 19.0700

Background



This preview shows how black text looks on a background with the YIQ color 105.7690, -20.4980, 19.0700.

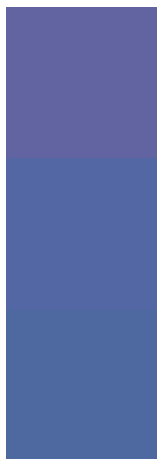


This preview shows how white text looks on a background with the YIQ color 105.7690, -20.4980,

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

105.7690, -20.4980, 19.0700

Protanopia

103.6750, -32.0970, 14.5190

Deuteranopia

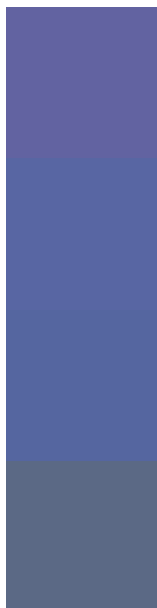
102.6100, -33.4720, 11.9040



Tritanopia

102.7470, -15.4050, -1.6530

Trichromacy



Original Color

105.7690, -20.4980, 19.0700

Protanomaly

104.7680, -27.9250, 16.0030

Deuteranomaly

103.5290, -28.7500, 14.4340

Tritanomaly

104.0060, -17.3320, 5.7400

Monochromacy



Original Color

105.7690, -20.4980, 19.0700

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.6220, -7.3830, 7.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.7690, -20.4980, 19.0700 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(98, 99, 161)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 161)  
}
```

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(98, 99, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 161) }
```

Border

The CSS property to change the border of an element to YIQ 105.7690, -20.4980, 19.0700 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(98, 99, 161) }
```


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

```
.border{ border-color:rgb(98, 99, 161) }
```

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

Here you see how a box with a 4 pixel rgb(98, 99, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 161);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 105.7690, -20.4980, 19.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 161) }
```

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

```
.background{ background-color: rgb(98, 99,  
161) }
```

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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