

Converting Colors

YIQ(126.7690, 41.3960, 31.7320)

Have a look what the booklet for
YIQ(126.7690, 41.3960, 31.7320)
contains.

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Color

**YIQ(126.7690, 41.3960,
31.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5F87
RGB	186, 95, 135
RGB Percent	73%, 37%, 53%
CMY	0.2703, 0.6276, 0.4705
CMYK	0.00, 0.49, 0.27, 0.27
HSL	334°, 40%, 55%
HSV	334°, 49%, 73%
XYZ	28.7290, 20.3746, 25.3527
YIQ	126.7690, 41.3960, 31.7320

Conversions

Conversions Part 2

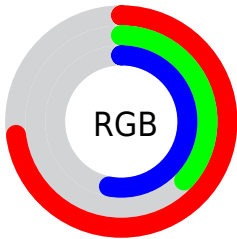
Format	Color
R_{YB}	186, 95, 135
Decimal	12214151
CIE _{Lab}	52.26, 41.34, -5.36
CIE _{LCh}	52, 41.685, 352.619
Yxy	20.3746, 0.3859, 0.2736
Android (android.graphics.Color)	4290404231 (0xFFBA5F87)
YUV	126.7690, 4.0579, 51.9456
Hunter-Lab	45.1382, 34.6175, -1.7046

Details

The YIQ color **126.7690, 41.3960, 31.7320** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **154.2310, -41.3960, -31.7320**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2640, 44.3760, 32.7920**, and **74.3880, 38.0950, 30.9830** is the 20% darker color. If you saturate the color by 10%, you get **114.4760, 49.8310, 38.5590**, and if you desaturate by 10%, it is **139.0620, 32.9610, 24.9050**.

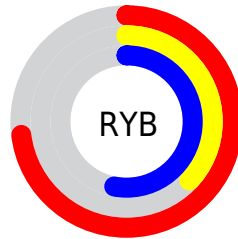
Distribution



Red (73%)

Green (37%)

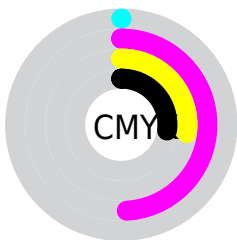
Blue (53%)



Red (73%)

Yellow (37%)

Blue (53%)

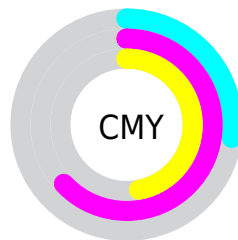


Cyan (0%)

Magenta (49%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7690, 41.3960, 31.7320 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 126.7690, 41.3960, 31.7320 by changing the saturation by 10% instead.

■ 126.7690, 41.3960,
31.7320

■ 126.7690, 41.3960,
31.7320

255.0000, -0.0000,
-0.0000

■ 100.2850, 39.8830,
31.6190

■ 181.2640, 44.3760,
32.7920

■ 74.3880, 38.0950,
30.9830

■ 203.5940, 34.5190,
29.7110

■ 46.6700, 37.3610,
33.2730

■ 223.2220, 17.8310,
23.7750

■ 27.5830, 33.0520,
28.7640

■ 241.4990, 6.3250,
12.0290

■ 18.1270, 25.1680,
17.4560

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,

0.0000

■ 126.7690, 41.3960,
31.7320

■ 126.7690, 41.3960,
31.7320

■ 114.4760, 49.8310,
38.5590

■ 139.0620, 32.9610,
24.9050

■ 102.6560, 58.3120,
44.5520

■ 150.8820, 24.4800,
18.9120

■ 90.3630, 66.7470,
51.3790

■ 163.1750, 16.0450,
12.0850

■ 78.5430, 75.2280,
57.3720

■ 174.9950, 7.5640,
6.0920

■ 66.2500, 83.6630,
64.1990

■ 187.2880, -0.8710,
-0.7350

■ 64.9620, 84.5340,
64.9340

■ 199.6950, -9.6270,
-7.2510

■ 211.4010,
-17.7870, -13.5550

■ 223.6940,
-26.2220, -20.3820

■ 231.4050,
-32.7780, -22.7140

Harmonies

Analogous

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



128.6270, 12.5570, 31.2530



126.7690, 41.3960, 31.7320



124.7470, 55.6570, 21.0730

Triad

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



126.7690, 41.3960, 31.7320



118.8620, 16.9230, -25.8690



102.2270, -96.3260, -16.4060

Complementary

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



126.7690, 41.3960, 31.7320



154.2310, -41.3960, -31.7320

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.



100.5680, -87.5210, -27.3050



126.7690, 41.3960, 31.7320



112.8500, -18.3340, -31.1820

Square

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



126.7690, 41.3960, 31.7320



122.1150, 41.4960, -14.1520



96.3500, -75.6440, -38.8120



105.7050, -85.5080, -3.2040

Rectangle

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



126.7690, 41.3960, 31.7320



124.0810, 57.1720, 10.1320



96.3500, -75.6440, -38.8120



102.3750, -93.9870, -20.2510

Sweetspot

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



126.7690, 41.3960, 31.7320



218.5880, 16.3200, 12.6080



120.3240, 0.5890, 38.9010



107.7180, 9.9020, 7.7740



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.7690, 41.3960, 31.7320



148.9390, 65.0050, 49.9090



125.1440, 52.8610, 16.6770



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680

Inverse Universe

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



126.7690, 41.3960, 31.7320



148.9390, 65.0050, 49.9090



156.4430, -53.1360, -17.2000



86.1470, 4.0800, 3.1520



54.3960, 71.1480, 54.2200



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 126.7690, 41.3960, 31.7320 looks on a white background.

Color Contrast Check

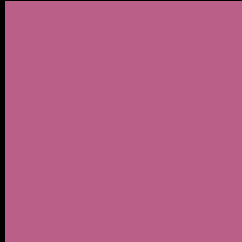
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7690, 41.3960, 31.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

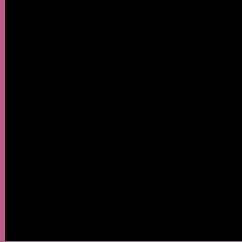
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.7690, 41.3960, 31.7320

Background



This preview shows how black text looks on a background with the YIQ color 126.7690, 41.3960, 31.7320.



This preview shows how white text looks on a background with the YIQ color 126.7690, 41.3960,

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

126.7690, 41.3960, 31.7320

Protanopia

125.6260, -13.2060, 8.0580

Deuteranopia

126.3260, 5.1340, 6.0780



Tritanopia

126.0280, 47.4960, 20.2960

Trichromacy



Original Color

126.7690, 41.3960, 31.7320

Protanomaly

125.8460, 6.9660, 16.9340

Deuteranomaly

126.8380, 18.6120, 15.1240

Tritanomaly

126.2930, 45.4320, 24.6640

Monochromacy



Original Color

126.7690, 41.3960, 31.7320

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5770, 14.8530, 11.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7690, 41.3960, 31.7320 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(186, 95, 135)` looks like.

```
.text, #text, p{  
    color:rgb(186, 95, 135)  
}
```

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(186, 95, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 95, 135) }
```

Border

The CSS property to change the border of an element to YIQ 126.7690, 41.3960, 31.7320 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(186, 95, 135) }
```


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

```
.border{ border-color:rgb(186, 95, 135) }
```

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

Here you see how a box with a 4 pixel rgb(186, 95, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 95, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 95, 135);  
box-shadow:4px 4px 4px 4px rgb(186, 95,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7690, 41.3960, 31.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 95, 135) }
```

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

```
.background{ background-color: rgb(186, 95,  
135) }
```

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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