

Converting Colors

YIQ(155.3780, 17.6920, 31.8040)

Have a look what the booklet for
YIQ(155.3780, 17.6920, 31.8040)
contains.

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Color

**YIQ(155.3780, 17.6920,
31.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	C082BE
RGB	192, 130, 190
RGB Percent	75%, 51%, 75%
CMY	0.2469, 0.4903, 0.2549
CMYK	0.00, 0.32, 0.01, 0.25
HSL	302°, 33%, 63%
HSV	302°, 32%, 75%
XYZ	39.0243, 30.8890, 52.6240
YIQ	155.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

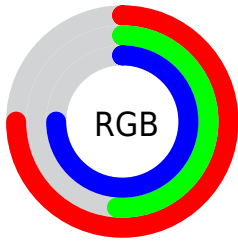
Format	Color
R_{YB}	192, 130, 190
Decimal	12616382
CIE _{Lab}	62.41, 33.63, -21.76
CIE _{LCh}	62, 40.056, 327.100
Yxy	30.8890, 0.3185, 0.2521
Android (android.graphics.Color)	4290806462 (0xFFC082BE)
YUV	155.3780, 17.0686, 32.1175
Hunter-Lab	55.5778, 28.0735, -17.2344

Details

The YIQ color $155.3780, 17.6920, 31.8040$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $166.6220, -17.6920, -31.8040$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $210.5030, 18.8380, 33.0620$, and $102.8400, 16.2710, 30.0230$ is the 20% darker color. If you saturate the color by 10%, you get $144.1110, 23.2380, 41.4300$, and if you desaturate by 10%, it is $166.6450, 12.1460, 22.1780$.

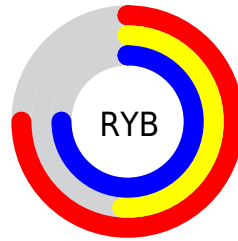
Distribution



Red (75%)

Green (51%)

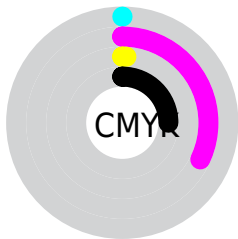
Blue (75%)



Red (75%)

Yellow (51%)

Blue (75%)

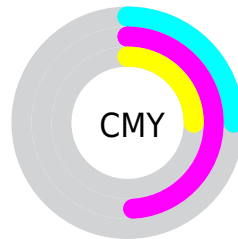


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.3780, 17.6920, 31.8040 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 155.3780, 17.6920, 31.8040 by changing the saturation by 10% instead.

■ 155.3780, 17.6920,
31.8040

■ 155.3780, 17.6920,
31.8040

255.0000, -0.0000,
-0.0000

■ 128.6660, 16.8210,
31.0690

■ 210.5030, 18.8380,
33.0620

■ 102.8400, 16.2710,
30.0230

■ 229.7590, 11.8250,
22.4890

■ 78.1280, 15.4000,
29.2880

■ 246.1950, 4.1250,
7.8450

■ 53.7150, 15.1250,
28.7650

■ 28.3560, 14.7580,
29.9100

■ 16.6340, 10.6790,
21.2310

■ 2.1660, -6.0990,

5.9090

■ 0.0000, 0.0000,
0.0000

■ 155.3780, 17.6920,
31.8040

■ 155.3780, 17.6920,
31.8040

■ 144.1110, 23.2380,
41.4300

■ 166.6450, 12.1460,
22.1780

■ 132.9580, 28.4630,
51.3670

■ 177.7980, 6.9210,
12.2410

■ 121.1040, 34.2840,
61.5160

■ 189.6520, 1.1000,
2.0920

■ 109.8370, 39.8300,
71.1420

■ 200.9190, -4.4460,
-7.5340

■ 98.6840, 45.0550,
81.0790

■ 212.0720, -9.6710,
-17.4710

87.4170, 50.6010,
90.7050

223.3390,
-15.2170, -27.0970

78.6120, 54.7260,
98.5500

229.2090,
-17.9670, -32.3270

229.3230,
-18.2880, -32.0160

229.4370,
-18.6090, -31.7050

Harmonies

Analogous

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



152.8880, -19.2150, 23.3530



155.3780, 17.6920, 31.8040



153.6830, 44.5140, 30.2900

Triad

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



155.3780, 17.6920, 31.8040



148.5060, 38.8370, -15.5230



119.9510, -104.8970, -31.7850

Complementary

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



155.3780, 17.6920, 31.8040



166.6220, -17.6920, -31.8040

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.



126.3120, -72.4810, -35.5610



155.3780, 17.6920, 31.8040



144.4100, 12.3840, -26.2080

Square

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



155.3780, 17.6920, 31.8040



150.7290, 54.9270, 1.2550



139.0990, -23.4690, -31.7330



120.2080, -112.5100, -20.4620

Rectangle

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



155.3780, 17.6920, 31.8040



152.7300, 54.3270, 23.1510



139.0990, -23.4690, -31.7330



118.6970, -101.3660, -35.2060

Sweetspot

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



155.3780, 17.6920, 31.8040



235.2110, 7.1960, 12.7640



137.3670, -19.3060, 19.4940



116.0810, 4.4460, 7.5340



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



155.3780, 17.6920, 31.8040



192.1320, 27.9130, 50.3210



151.9580, 27.3220, 22.4740



91.1300, 2.7500, 5.2300



65.8090, 46.2010, 82.3370



13.5150, 9.3960, 16.9480

Inverse Universe

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



155.3780, 17.6920, 31.8040



192.1320, 27.9130, 50.3210



170.0420, -27.3220, -22.4740



91.1300, 2.7500, 5.2300



65.8090, 46.2010, 82.3370



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 155.3780, 17.6920, 31.8040 looks on a white background.

Color Contrast Check

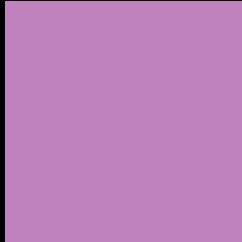
Large Text (above 18pt) WCAG AA × Fail

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 155.3780, 17.6920, 31.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

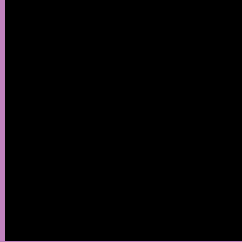
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.3780, 17.6920, 31.8040

Background



This preview shows how black text looks on a background with the YIQ color 155.3780, 17.6920, 31.8040.



This preview shows how white text looks on a background with the YIQ color 155.3780, 17.6920,

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

155.3780, 17.6920, 31.8040

Protanopia

151.3830, -25.4030, 14.3490

Deuteranopia

152.4460, -12.5190, 12.1290



Tritanopia

153.9050, 25.6730, 13.8090

Trichromacy



Original Color

155.3780, 17.6920, 31.8040

Protanomaly

152.6840, -9.9530, 20.6950

Deuteranomaly

153.2350, -1.3790, 19.4930

Tritanomaly

154.4520, 22.8750, 20.4670

Monochromacy



Original Color

155.3780, 17.6920, 31.8040

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3780, 17.6920, 31.8040 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(192, 130, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 130, 190)  
}
```

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(192, 130, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 130, 190) }
```

Border

The CSS property to change the border of an element to YIQ 155.3780, 17.6920, 31.8040 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(192, 130, 190) }
```


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

```
.border{ border-color:rgb(192, 130, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 130, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 130, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 130, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 130,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3780, 17.6920, 31.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 130, 190) }
```

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

```
.background{ background-color: rgb(192,  
130, 190) }
```

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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