

Converting Colors

YIQ(93.0790, 17.0960, 31.5920)

Have a look what the booklet for
YIQ(93.0790, 17.0960, 31.5920)
contains.

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Color

**YIQ(93.0790, 17.0960,
31.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	814480
RGB	129, 68, 128
RGB Percent	51%, 27%, 50%
CMY	0.4939, 0.7334, 0.4980
CMYK	0.00, 0.47, 0.01, 0.49
HSL	301°, 31%, 39%
HSV	301°, 47%, 51%
XYZ	15.0226, 10.3606, 21.6320
YIQ	93.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

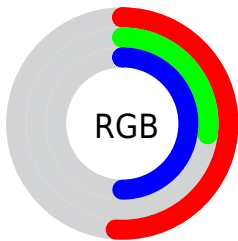
Format	Color
R_{YB}	129, 68, 128
Decimal	8471680
CIE _{Lab}	38.48, 35.50, -22.77
CIE _{LCh}	38, 42.174, 327.328
Yxy	10.3606, 0.3195, 0.2204
Android (android.graphics.Color)	4286661760 (0xFF814480)
YUV	93.0790, 17.2161, 31.5027
Hunter-Lab	32.1879, 26.9798, -17.3145

Details

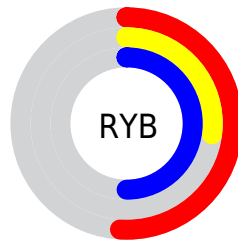
The YIQ color $93.0790, 17.0960, 31.5920$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $103.9210, -17.0960, -31.5920$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $144.6170, 18.5170, 33.3730$, and $43.4810, 15.9040, 31.1680$ is the 20% darker color. If you saturate the color by 10%, you get $85.4480, 20.6710, 38.3910$, and if you desaturate by 10%, it is $100.7100, 13.5210, 24.7930$.

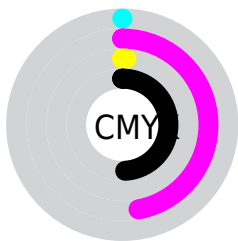
Distribution



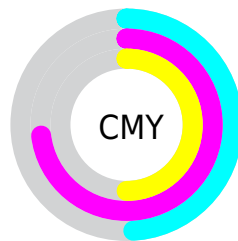
- Red (51%)
- Green (27%)
- Blue (50%)



- Red (51%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.0790, 17.0960, 31.5920 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 93.0790, 17.0960, 31.5920 by changing the saturation by 10% instead.

93.0790, 17.0960,
31.5920

93.0790, 17.0960,
31.5920

255.0000, -0.0000,
-0.0000

68.3670, 16.2250,
30.8570

144.6170, 18.5170,
33.3730

43.4810, 15.9040,
31.1680

172.0300, 18.7920,
33.8960

22.1170, 13.9330,
28.3410

199.7420, 19.6630,
34.6310

13.7430, 8.7540,
17.5700

222.1280, 15.4000,
29.2880

0.7980, -2.2470,
2.1770

239.1510, 7.4250,
14.1210

0.0000, 0.0000,
0.0000

93.0790, 17.0960,
31.5920

93.0790, 17.0960,
31.5920

85.4480, 20.6710,
38.3910

100.7100, 13.5210,
24.7930

77.8170, 24.2460,
45.1900

108.3410, 9.9460,
17.9940

70.0720, 28.1420,
51.6780

116.0860, 6.0500,
11.5060

62.4410, 31.7170,
58.4770

123.7170, 2.4750,
4.7070

54.8100, 35.2920,
65.2760

131.3480, -1.1000,
-2.0920


53.0490, 36.1170,
66.8450

138.3920, -4.4000,
-8.3680

146.1370, -8.2960,
-14.8560

153.7680,

-11.8710, -21.6550

 161.3990,
-15.4460, -28.4540

Harmonies

Analogous

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



91.4640, -20.9570, 21.8830



93.0790, 17.0960, 31.5920



89.7260, 42.9550, 31.0110

Triad

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



93.0790, 17.0960, 31.5920



86.4410, 37.4620, -18.1380



76.6030, -68.2660, -18.3300

Complementary

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



93.0790, 17.0960, 31.5920



103.9210, -17.0960, -31.5920

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.



72.6130, -57.0310, -29.2150



93.0790, 17.0960, 31.5920



83.2850, 11.2380, -27.4660

Square

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



93.0790, 17.0960, 31.5920



88.6360, 50.7550, -0.2290



75.3480, -28.6040, -32.2840



77.3330, -75.8330, -7.8410

Rectangle

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



93.0790, 17.0960, 31.5920



88.5880, 51.8510, 23.9710



75.3480, -28.6040, -32.2840



75.3490, -64.7350, -21.7510

Sweetspot

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



93.0790, 17.0960, 31.5920



154.4990, 6.3250, 12.0290



75.2530, -18.9850, 19.1830



75.7820, 3.8500, 7.3220



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



93.0790, 17.0960, 31.5920



111.5340, 26.7210, 49.8970



89.5450, 27.0470, 21.9510



59.8910, 1.9250, 3.6610



52.5220, 36.1630, 66.0110



0.0000, 0.0000, 0.0000

Inverse Universe

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



93.0790, 17.0960, 31.5920



111.5340, 26.7210, 49.8970



107.4550, -27.0470, -21.9510



59.8910, 1.9250, 3.6610



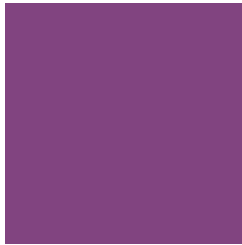
52.5220, 36.1630, 66.0110



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 93.0790, 17.0960, 31.5920 looks on a white background.

Color Contrast Check

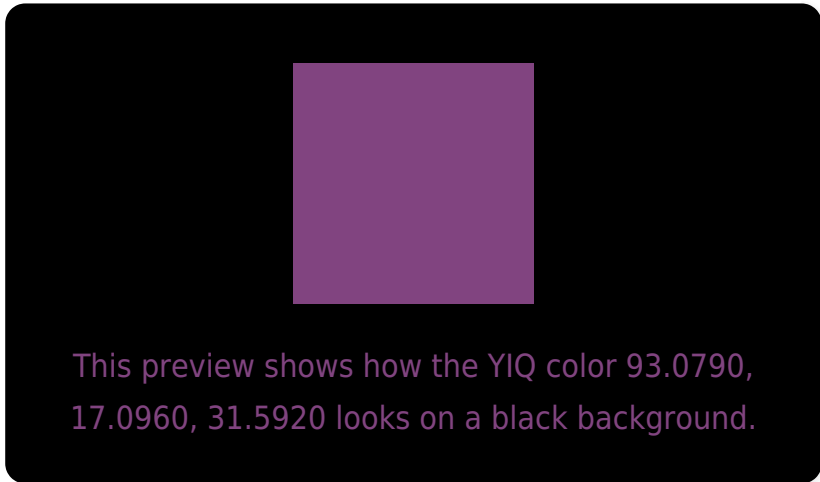
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

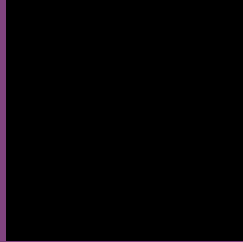
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.0790, 17.0960, 31.5920

Background



This preview shows how black text looks on a background with the YIQ color 93.0790, 17.0960, 31.5920.



This preview shows how white text looks on a background with the YIQ color 93.0790, 17.0960,

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

93.0790, 17.0960, 31.5920

Protanopia

89.8170, -29.6210, 13.6990

Deuteranopia

91.1850, -16.2780, 8.6660



Tritanopia

92.4380, 25.4900, 11.6180

Trichromacy



Original Color

93.0790, 17.0960, 31.5920

Protanomaly

90.6020, -12.6580, 20.1580

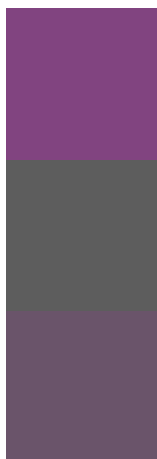
Deuteranomaly

91.6860, -4.2670, 16.7650

Tritanomaly

92.5120, 22.6460, 19.1100

Monochromacy



Original Color

93.0790, 17.0960, 31.5920

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0790, 17.0960, 31.5920 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(129, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 68, 128)  
}
```

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(129, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 68, 128) }
```

Border

The CSS property to change the border of an element to YIQ 93.0790, 17.0960, 31.5920 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(129, 68, 128) }
```


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

```
.border{ border-color:rgb(129, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 68,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0790, 17.0960, 31.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 68, 128) }
```

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

```
.background{ background-color: rgb(129, 68,  
128) }
```

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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