

Converting Colors

YIQ(164.7790, -19.5720,
-30.7720)

Have a look what the booklet for
YIQ(164.7790, -19.5720, -30.7720)
contains.

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Color

**YIQ(164.7790, -19.5720,
-30.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBE86
RGB	127, 190, 134
RGB Percent	50%, 75%, 53%
CMY	0.5021, 0.2548, 0.4745
CMYK	0.33, 0.00, 0.29, 0.25
HSL	127°, 33%, 62%
HSV	127°, 33%, 75%
XYZ	31.4670, 43.0677, 29.2055
YIQ	164.7790, -19.5720, -30.7720

Conversions

Conversions Part 2

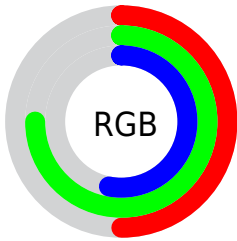
Format	Color
RYB	127, 184, 190
Decimal	8371846
CIELab	71.60, -31.70, 22.05
CIELCh	72, 38.614, 145.171
Yxy	43.0677, 0.3033, 0.4151
Android (android.graphics.Color)	4286561926 (0xFF7FBE86)
YUV	164.7790, -15.1740, -33.1322
Hunter-Lab	65.6260, -29.2565, 19.5524

Details

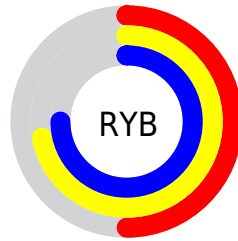
The YIQ color **164.7790, -19.5720, -30.7720** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **152.2210, 19.5720, 30.7720**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.4260, -20.0760, -32.6520**, and **111.8330, -19.6640, -29.1040** is the 20% darker color. If you saturate the color by 10%, you get **157.1600, -25.4390, -40.0870**, and if you desaturate by 10%, it is **172.3980, -13.7050, -21.4570**.

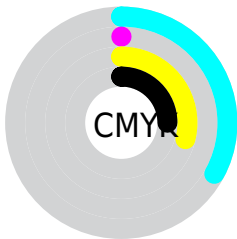
Distribution



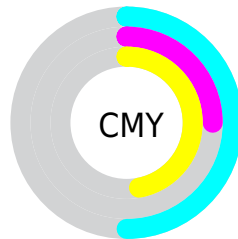
- Red (50%)
- Green (75%)
- Blue (53%)



- Red (50%)
- Yellow (72%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.7790, -19.5720, -30.7720 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 164.7790, -19.5720, -30.7720 by changing the saturation by 10% instead.

■ 164.7790,
-19.5720, -30.7720

■ 164.7790,
-19.5720, -30.7720

■ 255.0000, -0.0000,
-0.0000

■ 138.1920,
-19.2970, -30.2490

■ 220.4260,
-20.0760, -32.6520

■ 111.8330,
-19.6640, -29.1040

■ 236.9850,
-13.9800, -21.9800

■ 86.0610, -20.3060,
-28.4820

■ 248.6630, -6.6010,
-7.0250

■ 61.0930, -23.3320,
-28.7080

■ 38.2180, -22.1860,
-27.4500

■ 23.4800, -11.0000,
-20.9200

■ 6.4570, -3.0250,

-5.7530

■ 0.0000, 0.0000,
0.0000

■ 164.7790,
-19.5720, -30.7720

■ 164.7790,
-19.5720, -30.7720

■ 157.1600,
-25.4390, -40.0870

■ 172.3980,
-13.7050, -21.4570

■ 149.5410,
-31.3060, -49.4020

■ 180.0170, -7.8380,
-12.1420

■ 141.9220,
-37.1730, -58.7170

■ 187.6360, -1.9710,
-2.8270

■ 134.3030,
-43.0400, -68.0320

■ 195.2550, 3.8960,
6.4880

■ 126.7980,
-49.2280, -77.0360

■ 202.7600, 10.0840,
15.4920

■ 119.1790,
-55.0950, -86.3510

■ 210.3790, 15.9510,
24.8070

■ 113.9240,
-58.9910, -92.8390

■ 216.5030, 18.8380,
33.0620

■ 216.8450, 17.8750,
33.9950

Harmonies

Analogous

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



169.6060, 14.7680, -25.3600



164.7790, -19.5720, -30.7720



156.9500, -59.5980, -32.2540

Triad

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



164.7790, -19.5720, -30.7720



168.2630, -60.4760, 5.7000



177.7640, 56.9870, 18.9950

Complementary

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



164.7790, -19.5720, -30.7720



152.2210, 19.5720, 30.7720

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.



179.1990, 43.0010, 30.1770



164.7790, -19.5720, -30.7720



176.9910, -21.0030, 22.7170

Square

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



164.7790, -19.5720, -30.7720



152.3410, -96.6470, -16.0950



180.1820, 15.3080, 30.9560



175.9680, 55.7520, 2.8240

Rectangle

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



164.7790, -19.5720, -30.7720



149.0360, -89.0790, -32.1110



180.1820, 15.3080, 30.9560



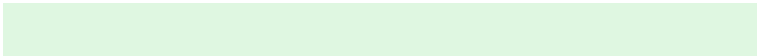
177.9580, 53.6850, 23.7730

Sweetspot

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



164.7790, -19.5720, -30.7720



237.3160, -7.2420, -11.9300



181.0240, 16.6470, -20.8650



119.0330, -4.7670, -7.2230



252.0000, 0.0000, 0.0000



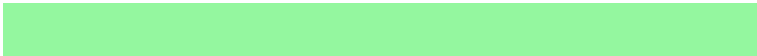
125.0000, 0.0000, 0.0000

Same Dimension

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



164.7790, -19.5720, -30.7720



207.3670, -30.7560, -48.3560



168.3130, -29.5230, -21.1310



90.3970, -2.7960, -4.3960



94.7980, -49.2280, -77.0360



18.5390, -9.4880, -15.2800

Inverse Universe

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



152.2210, 19.5720, 30.7720



187.6330, 30.7560, 48.3560



148.6870, 29.5230, 21.1310



88.6030, 2.7960, 4.3960



63.2020, 49.2280, 77.0360



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 164.7790, -19.5720, -30.7720 looks on a white background.

Color Contrast Check

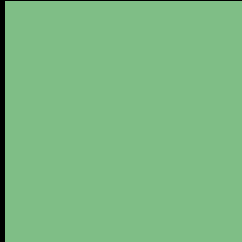
Large Text (above 18pt) WCAG AA × Fail

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 164.7790, -19.5720, -30.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

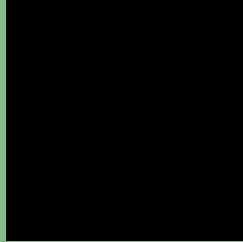
Any Text WCAG AA ✓ Pass

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 164.7790, -19.5720, -30.7720 Background



This preview shows how black text looks on a background with the YIQ color 164.7790, -19.5720, -30.7720.



This preview shows how white text looks on a background with the YIQ color 164.7790, -19.5720, -30.7720.

-30.7720.

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

164.7790, -19.5720, -30.7720

Protanopia

172.8280, 23.4310, -11.6490

Deuteranopia

175.4580, 30.7650, -1.3870



Tritanopia

170.8530, -30.4430, -4.4510

Trichromacy



Original Color

164.7790, -19.5720, -30.7720

Protanomaly

170.1140, 7.7060, -18.5180

Deuteranomaly

171.5540, 12.5190, -12.1290

Tritanomaly

168.7960, -26.2690, -14.0210

Monochromacy



Original Color

164.7790, -19.5720, -30.7720

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8430, -7.2880, -11.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7790, -19.5720, -30.7720 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(127, 190, 134)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 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(127, 190, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 134) }
```

Border

The CSS property to change the border of an element to YIQ 164.7790, -19.5720, -30.7720 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(127, 190, 134) }
```


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

```
.border{ border-color:rgb(127, 190, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 134);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7790, -19.5720, -30.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 134) }
```

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

```
.background{ background-color: rgb(127,  
190, 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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