

Converting Colors

YIQ(163.9080, -24.2490,
-28.6090)

Have a look what the booklet for
YIQ(163.9080, -24.2490, -28.6090)
contains.

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Color

**YIQ(163.9080, -24.2490,
-28.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBD8E
RGB	123, 189, 142
RGB Percent	48%, 74%, 56%
CMY	0.5178, 0.2587, 0.4432
CMYK	0.35, 0.00, 0.25, 0.26
HSL	137°, 33%, 61%
HSV	137°, 35%, 74%
XYZ	31.2465, 42.5671, 32.1546
YIQ	163.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

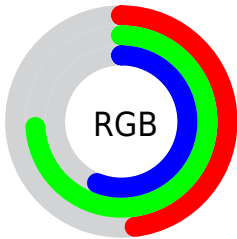
Format	Color
RYB	123, 174, 189
Decimal	8109454
CIELab	71.26, -31.04, 17.26
CIElCh	71, 35.515, 150.918
Yxy	42.5671, 0.2949, 0.4017
Android (android.graphics.Color)	4286299534 (0xFF7BBD8E)
YUV	163.9080, -10.8006, -35.8763
Hunter-Lab	65.2434, -28.6886, 16.4499

Details

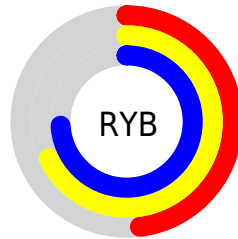
The YIQ color **163.9080, -24.2490, -28.6090** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **148.0920, 24.2490, 28.6090**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6690, -25.0740, -30.1780**, and **110.9620, -24.3410, -26.9410** is the 20% darker color. If you saturate the color by 10%, you get **156.7450, -31.4000, -36.6800**, and if you desaturate by 10%, it is **171.0710, -17.0980, -20.5380**.

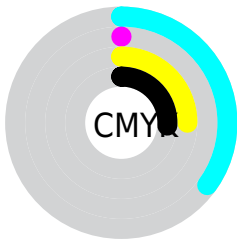
Distribution



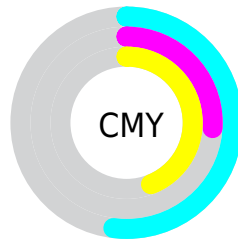
- Red (48%)
- Green (74%)
- Blue (56%)



- Red (48%)
- Yellow (68%)
- Blue (74%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (52%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.9080, -24.2490, -28.6090 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 163.9080, -24.2490, -28.6090 by changing the saturation by 10% instead.

■ 163.9080,
-24.2490, -28.6090

■ 163.9080,
-24.2490, -28.6090

■ 255.0000, -0.0000,
-0.0000

■ 137.3210,
-23.9740, -28.0860

■ 219.6690,
-25.0740, -30.1780

■ 110.9620,
-24.3410, -26.9410

■ 236.5160,
-19.8490, -20.2410

■ 85.7770, -25.2580,
-26.8420

■ 248.3790,
-11.5530, -5.3850

■ 59.5100, -28.8800,
-27.2800

■ 38.5430, -24.4790,
-24.4390

■ 22.8930, -10.7250,
-20.3970

■ 5.2830, -2.4750,

-4.7070

■ 0.0000, 0.0000,
0.0000

■ 163.9080,
-24.2490, -28.6090

■ 163.9080,
-24.2490, -28.6090

■ 156.7450,
-31.4000, -36.6800

■ 171.0710,
-17.0980, -20.5380

■ 149.4680,
-38.2300, -45.0620

■ 178.3480,
-10.2680, -12.1560

■ 142.3050,
-45.3810, -53.1330

■ 185.5110, -3.1170,
-4.0850

■ 135.0280,
-52.2110, -61.5150

■ 192.7880, 3.7130,
4.2970

■ 127.8650,
-59.3620, -69.5860

■ 199.6520, 10.2680,
12.1560

■ 120.8870,
-65.5960, -77.7560

■ 206.9290, 17.0980,
20.5380

■ 117.0990,
-69.3090, -82.0530

■ 214.0920, 24.2490,
28.6090

■ 215.6880, 19.7550,
32.9630

■ 216.2580, 18.1500,
34.5180

Harmonies

Analogous

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



168.4250, 8.0280, -24.3560



163.9080, -24.2490, -28.6090



157.3570, -59.1860, -28.7060

Triad

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



163.9080, -24.2490, -28.6090



170.3140, -47.3180, 9.5300



176.9760, 53.2740, 14.6980

Complementary

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



163.9080, -24.2490, -28.6090



148.0920, 24.2490, 28.6090

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.



178.5640, 43.2310, 26.0070



163.9080, -24.2490, -28.6090



177.4820, -12.2000, 22.8720

Square

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



163.9080, -24.2490, -28.6090



159.0230, -77.8960, -9.0000



179.0530, 19.9850, 28.7930



175.0380, 49.5630, -0.6530

Rectangle

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



163.9080, -24.2490, -28.6090



152.9880, -79.9560, -26.7400



179.0530, 19.9850, 28.7930



177.2410, 51.2100, 19.0660

Sweetspot

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



163.9080, -24.2490, -28.6090



235.4730, -9.1220, -10.8980



175.7950, 9.8620, -24.5540



116.6740, -5.1340, -6.0780



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.



163.9080, -24.2490, -28.6090



205.8810, -37.9550, -44.5390



167.6700, -34.8420, -18.3460



90.6250, -3.4380, -3.7740



97.9900, -58.2160, -68.3280



19.2230, -11.4140, -13.4140

Inverse Universe

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



148.0920, 24.2490, 28.6090



181.1190, 37.9550, 44.5390



144.3300, 34.8420, 18.3460



88.4890, 3.1170, 4.0850



60.1240, 57.8950, 68.6390



11.7770, 11.4140, 13.4140

Previews

White Background



This preview shows how the YIQ color 163.9080, -24.2490, -28.6090 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 163.9080, -24.2490, -28.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

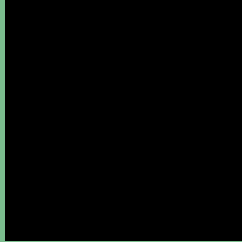
Any Text WCAG AA ✓ Pass

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 163.9080, -24.2490, -28.6090 Background



This preview shows how black text looks on a background with the YIQ color 163.9080, -24.2490, -28.6090.



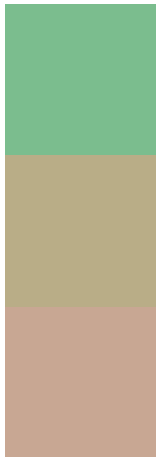
This preview shows how white text looks on a background with the YIQ color 163.9080, -24.2490, -28.6090.

-28.6090.

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

163.9080, -24.2490, -28.6090

Protanopia

172.2560, 19.3500, -9.2740

Deuteranopia

174.5870, 26.0880, 0.7760



Tritanopia

169.2440, -33.1020, -5.8220

Trichromacy



Original Color

163.9080, -24.2490, -28.6090

Protanomaly

169.2430, 3.0290, -16.3550

Deuteranomaly

170.6830, 7.8420, -9.9660

Tritanomaly

167.5290, -29.8910, -14.4590

Monochromacy



Original Color

163.9080, -24.2490, -28.6090

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8860, -8.8470, -10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9080, -24.2490, -28.6090 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(123, 189, 142)` looks like.

```
.text, #text, p{  
    color:rgb(123, 189, 142)  
}
```

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(123, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 189, 142) }
```

Border

The CSS property to change the border of an element to YIQ 163.9080, -24.2490, -28.6090 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(123, 189, 142) }
```


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

```
.border{ border-color:rgb(123, 189, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 189, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 189, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 189, 142);  
box-shadow:4px 4px 4px 4px rgb(123, 189,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9080, -24.2490, -28.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 189, 142) }
```

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

```
.background{ background-color: rgb(123,  
189, 142) }
```

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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