

Converting Colors

YIQ(172.7400, -14.6680,
-20.5240)

Have a look what the booklet for
YIQ(172.7400, -14.6680, -20.5240)
contains.

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Color

**YIQ(172.7400, -14.6680,
-20.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	92BE9A
RGB	146, 190, 154
RGB Percent	57%, 75%, 60%
CMY	0.4276, 0.2548, 0.3961
CMYK	0.23, 0.00, 0.19, 0.25
HSL	131°, 25%, 66%
HSV	131°, 23%, 75%
XYZ	36.0978, 45.2757, 37.4050
YIQ	172.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

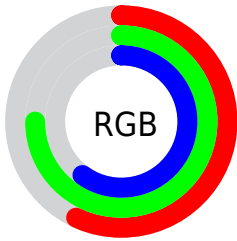
Format	Color
RYB	146, 183, 190
Decimal	9617050
CIELab	73.07, -21.84, 13.50
CIELCh	73, 25.681, 148.281
Yxy	45.2757, 0.3039, 0.3812
Android (android.graphics.Color)	4287807130 (0xFF92BE9A)
YUV	172.7400, -9.2388, -23.4510
Hunter-Lab	67.2873, -21.9922, 14.1417

Details

The YIQ color **172.7400, -14.6680, -20.5240** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **163.2600, 14.6680, 20.5240**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2130, -14.6220, -21.3580**, and **119.6800, -14.4390, -19.1670** is the 20% darker color. If you saturate the color by 10%, you get **165.2350, -20.8560, -29.5280**, and if you desaturate by 10%, it is **180.2450, -8.4800, -11.5200**.

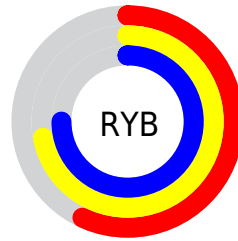
Distribution



Red (57%)

Green (75%)

Blue (60%)



Red (57%)

Yellow (72%)

Blue (75%)

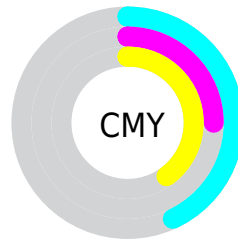


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7400, -14.6680, -20.5240 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 172.7400, -14.6680, -20.5240 by changing the saturation by 10% instead.

■ 172.7400,
-14.6680, -20.5240

■ 172.7400,
-14.6680, -20.5240

■ 255.0000, -0.0000,
-0.0000

■ 146.1530,
-14.3930, -20.0010

■ 228.2130,
-14.6220, -21.3580

■ 119.6800,
-14.4390, -19.1670

■ 245.1740, -9.7180,
-11.1100

■ 95.0930, -14.1640,
-18.6440

■ 70.6200, -14.2100,
-17.8100

■ 47.4350, -15.1270,
-17.7110

■ 24.9620, -15.1730,
-16.8770

■ 11.1530, -5.2250,

-9.9370

0.0000, 0.0000,
0.0000

172.7400,
-14.6680, -20.5240

172.7400,
-14.6680, -20.5240

165.2350,
-20.8560, -29.5280

180.2450, -8.4800,
-11.5200

157.8440,
-27.3650, -38.2210

187.6360, -1.9710,
-2.8270

150.3390,
-33.5530, -47.2250

195.1410, 4.2170,
6.1770

142.9480,
-40.0620, -55.9180

202.5320, 10.7260,
14.8700

135.4430,
-46.2500, -64.9220

210.0370, 16.9140,
23.8740

■ 128.0520,
-52.7590, -73.6150

■ 215.9330, 20.4430,
31.5070

■ 120.5470,
-58.9470, -82.6190

■ 216.8450, 17.8750,
33.9950

■ 115.5200,
-63.4850, -88.4850

Harmonies

Analogous

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



176.0540, 7.9350, -17.1610



172.7400, -14.6680, -20.5240



169.9470, -37.1800, -20.0280

Triad

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



172.7400, -14.6680, -20.5240



177.1490, -33.7920, 6.6880



182.1530, 39.4740, 11.4900

Complementary

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



172.7400, -14.6680, -20.5240



163.2600, 14.6680, 20.5240

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.



182.8180, 30.5320, 19.3640



172.7400, -14.6680, -20.5240



181.4510, -10.9150, 16.1010

Square

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



172.7400, -14.6680, -20.5240



171.5010, -49.8830, -4.5630



182.8900, 12.8340, 20.7220



180.6330, 37.6420, 0.6340

Rectangle

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



172.7400, -14.6680, -20.5240



168.7810, -48.2760, -17.1720



182.8900, 12.8340, 20.7220



182.7770, 37.7770, 14.7130

Sweetspot

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



172.7400, -14.6680, -20.5240



240.3210, -5.6380, -7.9580



182.8910, 9.9520, -15.1680



121.0980, -3.3920, -4.6080



252.0000, 0.0000, 0.0000



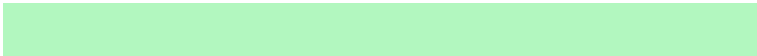
125.0000, 0.0000, 0.0000

Same Dimension

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



172.7400, -14.6680, -20.5240



219.9850, -23.1480, -32.0440



175.1340, -21.4090, -13.9930



90.5110, -3.1170, -4.0850



96.0520, -52.7590, -73.6150



18.8810, -10.4510, -14.3470

Inverse Universe

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



163.2600, 14.6680, 20.5240



205.1290, 22.8270, 32.3550



160.8660, 21.4090, 13.9930



88.6030, 2.7960, 4.3960



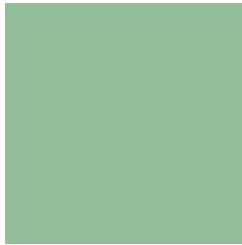
61.9480, 52.7590, 73.6150



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 172.7400, -14.6680, -20.5240 looks on a white background.

Color Contrast Check

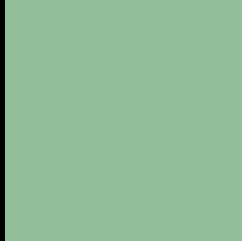
Large Text (above 18pt) WCAG AA × Fail

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 172.7400, -14.6680, -20.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

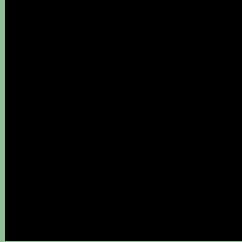
Any Text WCAG AA ✓ Pass

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 172.7400, -14.6680, -20.5240 Background



This preview shows how black text looks on a background with the YIQ color 172.7400, -14.6680, -20.5240.



This preview shows how white text looks on a background with the YIQ color 172.7400, -14.6680, -20.5240.

-20.5240.

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

172.7400, -14.6680, -20.5240

Protanopia

177.8690, 16.1860, -6.9980

Deuteranopia

179.9720, 23.5660, 2.4300



Tritanopia

176.7400, -22.6950, -1.6950

Trichromacy



Original Color

172.7400, -14.6680, -20.5240

Protanomaly

175.6610, 4.9080, -11.8600

Deuteranomaly

177.6880, 9.4460, -5.9940

Tritanomaly

175.1930, -19.8970, -8.3530

Monochromacy



Original Color

172.7400, -14.6680, -20.5240

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7340, -5.3630, -7.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7400, -14.6680, -20.5240 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(146, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 154)  
}
```

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(146, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 154) }
```

Border

The CSS property to change the border of an element to YIQ 172.7400, -14.6680, -20.5240 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(146, 190, 154) }
```


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

```
.border{ border-color:rgb(146, 190, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7400, -14.6680, -20.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 154) }
```

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

```
.background{ background-color: rgb(146,  
190, 154) }
```

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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