

Converting Colors

YIQ(147.2780, -2.9380, 20.2140)

Have a look what the booklet for
YIQ(147.2780, -2.9380, 20.2140)
contains.

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Color

**YIQ(147.2780, -2.9380,
20.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	9D87B9
RGB	157, 135, 185
RGB Percent	62%, 53%, 73%
CMY	0.3842, 0.4706, 0.2746
CMYK	0.15, 0.27, 0.00, 0.27
HSL	266°, 26%, 63%
HSV	266°, 27%, 73%
XYZ	31.3271, 27.9979, 49.6448
YIQ	147.2780, -2.9380, 20.2140

Conversions

Conversions Part 2

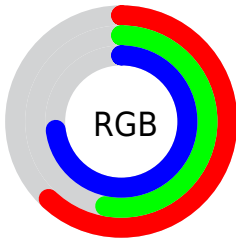
Format	Color
RYB	157, 135, 185
Decimal	10323897
CIELab	59.89, 18.28, -23.09
CIElCh	60, 29.455, 308.365
Yxy	27.9979, 0.2875, 0.2569
Android (android.graphics.Color)	4288513977 (0xFF9D87B9)
YUV	147.2780, 18.5969, 8.5262
Hunter-Lab	52.9130, 13.0829, -18.5888

Details

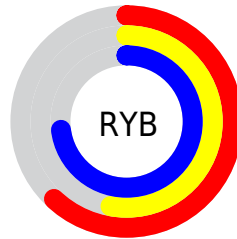
The YIQ color $147.2780, -2.9380, 20.2140$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.7220, 2.9380, -20.2140$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.2180, -2.7090, 21.5710$, and $96.3380, -3.1670, 18.8570$ is the 20% darker color. If you saturate the color by 10%, you get $133.1350, -3.6730, 28.0310$, and if you desaturate by 10%, it is $160.8340, -1.9280, 12.9200$.

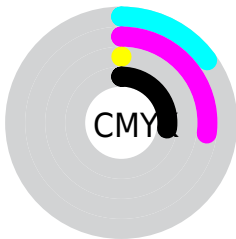
Distribution



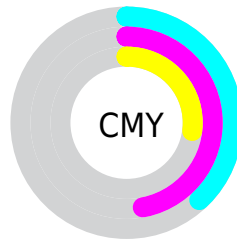
- Red (62%)
- Green (53%)
- Blue (73%)



- Red (62%)
- Yellow (53%)
- Blue (73%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.2780, -2.9380, 20.2140 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 147.2780, -2.9380, 20.2140 by changing the saturation by 10% instead.

■ 147.2780, -2.9380,
20.2140

■ 147.2780, -2.9380,
20.2140

■ 255.0000, -0.0000,
-0.0000

■ 121.7510, -2.8920,
19.3800

■ 201.2180, -2.7090,
21.5710

■ 96.3380, -3.1670,
18.8570

■ 227.9210, 2.3810,
17.4290

■ 72.3980, -3.3960,
17.5000

■ 249.1300, 2.7500,
5.2300

■ 49.8710, -3.3500,
16.6660

■ 28.0450, -3.9000,
15.6200

■ 9.0020, -2.3410,
14.8990

■ 2.0690, -4.4480,

3.5200

0.0000, 0.0000,
0.0000

147.2780, -2.9380,
20.2140

147.2780, -2.9380,
20.2140

133.1350, -3.6730,
28.0310

160.8340, -1.9280,
12.9200

119.2800, -5.2790,
35.1130

175.2760, -0.5970,
5.3150

105.1370, -6.0140,
42.9300

188.8320, 0.4130,
-1.9790

91.5810, -7.0240,
50.2240

202.9750, 1.1480,
-9.7960

77.7260, -8.6300,
57.3060

216.8300, 2.7540,
-16.8780

■ 63.5830, -9.3650,
65.1230

■ 230.9730, 3.4890,
-24.6950

■ 50.0270, -10.3750,
72.4170

■ 239.2460, 6.9740,
-27.2820

■ 45.6080, -10.5130,
74.9190

■ 242.5350, 13.5300,
-24.9500

■ 245.5250, 19.4900,
-22.8300

Harmonies

Analogous

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



142.6380, -30.6750, 10.7730



147.2780, -2.9380, 20.2140



147.9620, 21.4990, 23.3790

Triad

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



147.2780, -2.9380, 20.2140



144.1120, 37.5510, -3.2250



129.6940, -52.5850, -21.6810

Complementary

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



147.2780, -2.9380, 20.2140



172.7220, 2.9380, -20.2140

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.



134.9990, -25.7630, -23.1950



147.2780, -2.9380, 20.2140



142.0620, 22.6520, -14.0520

Square

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



147.2780, -2.9380, 20.2140



145.7250, 43.5550, 9.1150



138.9390, 0.8290, -20.5390



128.3690, -67.4870, -15.9270

Rectangle

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



147.2780, -2.9380, 20.2140



147.8400, 33.4660, 21.2580



138.9390, 0.8290, -20.5390



131.3590, -44.3320, -22.5720

Sweetspot

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



147.2780, -2.9380, 20.2140



225.5580, -1.3310, 7.6050



157.1360, -23.7500, 0.9060



110.8630, -0.8720, 4.7920



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



147.2780, -2.9380, 20.2140



181.9440, -4.4530, 31.1550



154.7530, 11.9620, 25.5140



85.2220, -0.5050, 3.6470



38.4150, -8.9520, 63.1440



6.7800, -1.8360, 11.2520

Inverse Universe

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



153.1420, 20.8120, 19.3080



190.9250, 32.0890, 29.6970



165.2470, -11.9620, -25.5140



86.2610, 3.7590, 3.4630



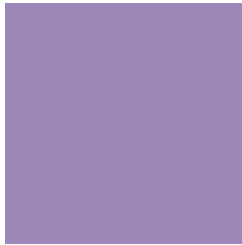
56.5620, 65.0490, 60.1290



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 147.2780, -2.9380, 20.2140 looks on a white 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

Black Background



This preview shows how the YIQ color 147.2780, -2.9380, 20.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

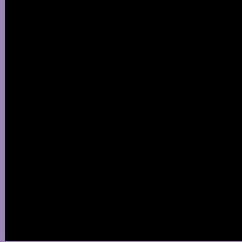
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.2780, -2.9380, 20.2140

Background



This preview shows how black text looks on a background with the YIQ color 147.2780, -2.9380, 20.2140.



This preview shows how white text looks on a background with the YIQ color 147.2780, -2.9380,

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

147.2780, -2.9380, 20.2140

Protanopia

144.8840, -22.5600, 12.3840

Deuteranopia

145.5920, -15.8660, 12.2140



Tritanopia

145.5430, 3.0250, 5.7530

Trichromacy



Original Color

147.2780, -2.9380, 20.2140

Protanomaly

145.5860, -15.7290, 15.2390

Deuteranomaly

145.9240, -10.8690, 15.2670

Tritanomaly

146.3350, 0.9150, 10.9550

Monochromacy



Original Color

147.2780, -2.9380, 20.2140

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.4440, -1.0100, 7.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.2780, -2.9380, 20.2140 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(157, 135, 185)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 185)  
}
```

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(157, 135, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 185) }
```

Border

The CSS property to change the border of an element to YIQ 147.2780, -2.9380, 20.2140 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(157, 135, 185) }
```


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

```
.border{ border-color:rgb(157, 135, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 135, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 135, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 135, 185);  
box-shadow:4px 4px 4px 4px rgb(157, 135,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 147.2780, -2.9380, 20.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 185) }
```

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

```
.background{ background-color: rgb(157,  
135, 185) }
```

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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